



1 Volumetric pipettes, soda glass, class AS

Soda glass. Conformity-certified. With batch date identification. DIN EN ISO 648, DIN 12691 and BS 700 - 1583. Calibrated to deliver (Ex). Ring mark and inscriptions in permanent blue enamel.

Isolab

Capacity	Tolerance	Length	PK	Cat. No.
ml	± ml	mm		
1	0.007	310	1	9.272 260
2	0.010	330	1	9.272 261
3	0.010	360	1	9.272 262
4	0.015	360	1	9.272 263
5	0.015	400	1	9.272 264
10	0.020	440	1	9.272 265
15	0.030	455	1	9.272 267
20	0.030	510	1	9.272 268
25	0.030	520	1	9.272 269
50	0.050	540	1	9.272 270



2 3 Volumetric pipettes, AR-Glas®, class AS

Conformity-certified. With batch date identification. DIN EN ISO 648. Calibrated to deliver (Ex). Ring mark and inscriptions in permanent blue enamel. The batch certificate is available to download from the supplier's website.

Hirschmann

Capacity	Tolerance	Overall length	PK	Cat. No.
ml	± ml	± 10 mm		
1.0	0.008	325	1	9.273 270
2.0	0.01	350	1	9.273 271
2.5*	0.01	350	1	9.273 272
3.0*	0.01	350	1	9.273 273
5.0	0.015	410	1	9.273 276
10.0	0.02	450	1	9.273 280
15.0*	0.03	520	1	9.273 281
20.0	0.03	520	1	9.273 282
25.0	0.03	530	1	9.273 284
50.0	0.05	550	1	9.273 286
100.0	0.08	600	1	9.273 288

* Supplementary to DIN.

Also available with dated batch identification acc. to USP (US Pharmacopeia).



4 Volumetric pipettes, class AS, AR- clear soda glass®, blue graduation

BLAUBRAND®, DIN EN ISO 648.

BRAND

Conformity certified. With batch number. Graduations and inscriptions in highly contrasting blue enamel. Adjusted to "Ex".

All BLAUBRAND® volumetric pipettes are supplied with batch number and one works batch certificate per manufacturer's outer pack (up to 2ml: 12 cylinders, above 2ml: 6 cylinders per pack).

The batch certificate is also available to download from the supplier's website.

Capacity	Overall length	Tolerance	PK	Cat. No.
ml	± 10 mm	± ml		
0.5	300	0.005	1	9.273 101
1	300	0.008	1	9.273 102
2	330	0.010	1	9.273 103
2.5	330	0.010	1	9.273 104
3	330	0.010	1	9.273 105
4	400	0.015	1	9.273 106
5	400	0.015	1	9.273 107
6	400	0.015	1	9.273 108
7	400	0.015	1	9.273 109
8	440	0.02	1	9.273 110
9	440	0.02	1	9.273 111
10	440	0.02	1	9.273 112
15	510	0.03	1	9.273 113
20	510	0.03	1	9.273 114
25	520	0.03	1	9.273 115
30	520	0.03	1	9.273 116
40	540	0.05	1	9.273 117
50	540	0.05	1	9.273 118
100	585*	0.08	1	9.273 119

* ±15 mm

1 2 Volumetric pipettes, AR-Glas®, soda glass, class AS, graduated in amber

DIN ISO 648, conformity certified, with dated identification, with durable amber stain graduations, Ex (TD) calibrated. The batch certificate is available to download from the manufacturer's website.

Hirschmann

Capacity ml	Tolerance ± ml	Overall length ± 10 mm	PK	Cat. No.
0.5	0.005	300	1	6.200 955
1	0.008	325	1	6.052 959
1.5*	0.01	350	1	7.200 075
2	0.01	350	1	6.092 721
2.5*	0.01	350	1	6.079 397
3*	0.01	350	1	6.303 738
4*	0.015	410	1	6.300 028
5	0.015	410	1	6.081 798
6*	0.015	410	1	6.300 025
7*	0.015	410	1	6.300 026
8*	0.02	450	1	6.077 361
9*	0.02	450	1	6.300 299
10	0.02	450	1	6.050 827
15*	0.03	520	1	6.057 100
20	0.03	520	1	6.084 029
25	0.03	530	1	6.084 072
30*	0.03	530	1	6.057 101
40*	0.05	550	1	6.077 366
50	0.05	550	1	6.054 343
100	0.08	600	1	6.055 472

* Supplementary to DIN.



3 Bulb pipettes, AR-Glas®, class AS, 1 mark, amber graduation

BLAUBRAND® Eterna. DIN EN ISO 648. Calibrated to deliver (TD, Ex).

BRAND

Graduations and inscriptions in Eterna amber stain (particularly resistant to aggressive cleaning methods). All BLAUBRAND® bulb pipettes are supplied with a batch number and one batch certificate per manufacturer's outer pack (up to 2ml: 12 cylinders, above 2ml: 6 cylinders per pack). Also available with an individual works, USP, or DKD calibration certificate on request.

The batch certificate is also available to download from the supplier's website.

Capacity ml	Overall length ± 10 mm	Tolerance ± ml	PK	Cat. No.
1	300	0.008	1	9.273 220
2	330	0.010	1	9.273 221
5	400	0.015	1	9.273 222
10	440	0.02	1	9.273 223
20	510	0.03	1	9.273 224
25	520	0.03	1	9.273 225
50	540	0.05	1	9.273 226



4 5 Volumetric pipettes, AR glass, class AS, amber graduations

Volumetric pipettes, with volume between two marks (partial delivery), class AS, conformity certified, with dated batch identification and durable amber stain graduations.

Hirschmann

EX (TD) calibrated, acc. to DIN EN ISO 648. Hirschmann supplies class A or AS volumetric glassware with batch and production year indicators as standard at no additional charge. Therefore these measuring instruments are suitable for use in labs certified acc. to DIN EN ISO. The batch certificate is available to download from the supplier's website.

Capacity ml	Tolerance ± ml	Overall length mm	PK	Cat. No.
0.5	0.005	300	1	6.801 018
1	0.008	325	1	6.801 019
2	0.01	350	1	6.801 020
3*	0.01	350	1	6.056 820
5	0.015	410	1	6.801 021
10	0.02	450	1	6.071 748
15*	0.03	520	1	6.225 909
20	0.03	520	1	6.801 022
25	0.03	530	1	6.801 023
50	0.05	550	1	6.801 024
100	0.08	600	1	6.800 124

* Supplementary to DIN.





1 Volumetric pipettes, AR-Glas®, class AS, 2 marks, blue graduation

BLAUBRAND®. Conformity certified. DIN EN ISO 648. Adjusted to "Ex". Graduations and inscriptions in highly contrasting blue enamel. All BLAUBRAND® volumetric pipettes are supplied with batch number and one works batch certificate per manufacturer's outer pack (up to 2 ml: 12 cylinders, above 2ml: 6 cylinders per pack). Also available with individual works, USP or DKD calibration certificate on request. The batch certificate is also available to download from the supplier's website.

Capacity ml	Overall length ± 10 mm	Tolerance ± ml	PK	Cat. No.
0.5	300	0.005	1	9.273 121
1.0	300	0.008	1	9.273 122
2.0	330	0.010	1	9.273 123
3.0	330	0.010	1	9.273 125
5.0	400	0.015	1	9.273 127
10.0	440	0.02	1	9.273 132
15.0	510	0.03	1	9.273 133
20.0	510	0.03	1	9.273 134
25.0	520	0.03	1	9.273 135
50.0	540	0.05	1	9.273 138



2 Volumetric pipettes, AR-Glas®, clear soda glass

Error limits better than class B, one mark, graduated in amber and adjusted to Ex, DIN EN ISO 648.

Capacity ml	Tolerance ± ml	Overall length ± 10 mm	PK	Cat. No.
0.5	0.008	300	1	9.273 258
1	0.012	325	1	9.273 259
2	0.015	350	1	9.273 260
3*	0.015	350	1	9.273 261
4	0.023	410	1	9.273 257
5	0.023	410	1	9.273 262
10	0.03	450	1	9.273 263
15*	0.045	520	1	9.273 264
20	0.045	520	1	9.273 265
25	0.045	530	1	9.273 266
50	0.075	550	1	9.273 268
100	0.12	600	1	9.273 269

* Supplementary to DIN.



3 Volumetric pipettes, Class B, Soda AR-Glas®, amber graduation

SILBERBRAND Eterna. DIN EN ISO 648. Graduations and inscriptions in Eterna permanent amber diffusion stain. Adjusted to "Ex".

Capacity ml	Overall length ± 10 mm	Tolerance ± ml	PK	Cat. No.
0.5	300	0.007	1	9.273 001
1	300	0.010	1	9.273 002
2	330	0.015	1	9.273 003
3	330	0.015	1	9.273 005
5	400	0.025	1	9.273 007
10	440	0.03	1	9.273 012
15	510	0.04	1	9.273 013
20	510	0.04	1	9.273 014
25	520	0.04	1	9.273 015
50	540	0.07	1	9.273 018
100	585*	0.12	1	9.273 019

* ±15 mm

1 Volumetric pipettes, Plastibrand®, PP, 1 mark

Highly translucent. Streak-resistant, blue-printed graduations and inscriptions. Adjusted to "Ex". Exposure to temperatures up to 60°C will not affect tolerances. Cleaning at temperatures below 60°C is recommended to preserve graduations and inscriptions.

BRAND

Capacity ml	Overall length ± 10 mm	Tolerance ± µl	PK	Cat. No.
1	300	20	1	9.273 232
2	300	20	1	9.273 233
5	300	30	1	9.273 235
10	440	40	1	9.273 236
25	450	60	1	9.273 238
50	460	100	1	9.273 239



2 Graduated pipettes, soda glass, class AS, type 3

Soda glass. Conformity-certified. With batch date identification. DIN EN ISO 835, DIN 12697 and BS700 - 1583. Calibrated to deliver (Ex). Ring marks and graduations in permanent blue enamel.

Isolab

Capacity ml	Graduations ml	Tolerance ± ml	Length mm	PK	Cat. No.
1	0.01	0.007	360	1	9.272 250
2	0.02	0.010	360	1	9.272 251
5	0.05	0.030	360	1	9.272 252
10	0.1	0.050	360	1	9.272 253
20	0.1	0.100	450	1	9.272 254
25	0.1	0.100	450	1	9.272 255
50	0.1	0.200	720	1	9.272 256



3 4 Graduated pipettes, AR glass®, AS class, type 3

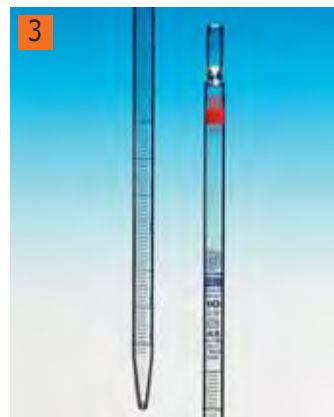
Conformity-certified. With batch date identification. DIN EN ISO 835, type 3. Calibrated for delivery (Ex), with ring marks and graduations in permanent blue enamel. Graduated down to tip. The batch certificate is available to download from the supplier's website.

Hirschmann

Capacity ml	Grad. ml	Tolerance ± ml	Overall length ± 5 mm	PK	Cat. No.
0.5	0.01	0.006	360	1	9.272 380
1.0	0.01	0.007	360	1	9.272 381
1.0*	0.10	0.007	360	1	9.272 382
2.0*	0.01	0.01	360	1	9.272 383
2.0	0.02	0.01	360	1	9.272 384
2.0*	0.10	0.01	360	1	9.272 385
5.0	0.05	0.03	360	1	9.272 387
5.0*	0.10	0.03	360	1	9.272 388
10.0	0.10	0.05	360	1	9.272 389
20.0*	0.10	0.1	360	1	9.272 390
25.0	0.10	0.1	450	1	9.272 391
50.0*	0.20	0.2	450	1	9.272 392

* Supplementary to DIN

Also available with dated batch identification acc. to USP (US Pharmacopeia).





1 Graduated pipettes, Class AS, AR-Glas®, blue graduation, type 3 (zero at top)

BLAUBRAND®. DIN EN ISO 835. Type 3 (Zero at top). Supplied with conformity certificate with batch number. Delivery to tip. Adjusted to "Ex". Waiting time 5 seconds. Ring mark and inscriptions in high contrast, blue enamel. One batch certificate included per standard pack. The batch certificate is also available to download from the manufacturer's website.

BRAND

Capacity	Grad.	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± ml		
0.5	0.01	360	0.006	1	9.272 105
1	0.01	360	0.007	1	9.272 106
1 ^c	0.01	360	0.007	1	9.272 117
1	0.1	360	0.007	1	9.272 107
2**	0.01	360	0.010	1	9.272 108
2	0.02	360	0.010	1	9.272 109
2 ^c	0,02	360	0,010	1	9.272 118
2	0.1	360	0.010	1	9.272 110
5 ^c	0.05	360	0.030	1	9.272 111
5 ^c	0.1	360	0.030	1	9.272 112
10 ^c	0.1	360	0.05	1	9.272 113
20 ^c	0.1	360	0.10	1	9.272 114
25 ^c	0.1	450	0.10	1	9.272 115
50* ^c	0.5	450	0.20	1	9.272 116

* Supplementary to DIN 12699.

**Supplementary to DIN 12699, not conformity certified.

^c Cotton plugged



2 3 Graduated pipettes, AR-Glas®, class AS, amber graduations, type 3

Conformity certified, with dated batch identification, soda-lime glass (AR), with durable amber stain graduations, ring mark at major graduation points, zero at tip EX (TD) calibrated, type 2, acc. to DIN EN ISO 835. Sizes 5ml and above are supplied cotton plugged. Hirschmann supplies class A or AS volumetric glassware with a batch and production year indicator as standard at no additional charge. Therefore these measuring instruments are suitable for the use in labs certified acc. to DIN ISO. The batch certificate is available to download from the supplier's website.

Hirschmann

Capacity	Grad.	Tolerance	Overall length	PK	Cat. No.
ml	ml	± ml	± 5 mm		
0.5	0.01	0.006	360	1	6.059 364
1	0.01	0.007	360	1	6.301 732
1	0.1	0.007	360	1	6.303 032
2*	0.01	0.01	360	1	6.305 430
2	0.02	0.01	360	1	6.059 699
2	0.1	0.01	360	1	6.202 868
5	0.05	0.03	360	1	6.081 209
5	0.1	0.03	360	1	6.059 800
10	0.1	0.05	360	1	6.058 191
20	0.1	0.1	360	1	6.200 448
25	0.1	0.1	450	1	6.303 743
50*	0.2	0.2	450	1	6.234 515

* in addition to DIN.



1 2 Graduated pipettes, AR-Glas®, class AS, amber graduations, type 2

Conformity certified, with dated batch identification, soda-lime glass (AR), with durable amber stain graduations, ring mark at major graduations, zero at tip, graduated to deliver EX (TD) calibrated, type 2, acc. to DIN EN ISO 835. Sizes 5ml and above are cotton plugged. Hirschmann supplies class A or AS volumetric glassware with batch and production year indicators as standard at no additional charge. Therefore these measuring instruments are suitable for use in labs certified acc. to DIN ISO. The batch certificate is available to download from the supplier's website.

Hirschmann

Capacity	Grad.	Tolerance	Overall length ± 5 mm	PK	Cat. No.
ml	ml	± ml			
0.5	0.01	0.007	360	1	9.272 350
1	0.01	0.007	360	1	9.272 351
1	0.1	0.007	360	1	9.272 352
2	0.02	0.01	360	1	9.272 353
2	0.1	0.01	360	1	9.272 354
5	0.05	0.03	360	1	9.272 355
5	0.1	0.03	360	1	6.202 713
10	0.1	0,05	360	1	6.202 714
20	0.1	0.01	360	1	9.272 358
25	0.1	0.01	450	1	9.272 359



2



3 Graduated pipettes, AR-Glas®, Class AS, partial delivery, amber graduations, type 1

BLAUBRAND® Eterna, conformity certified, AR-Glas®. DIN EN ISO 835. Type 1 (zero at top). Calibrated to deliver (TD, Ex). Waiting time 5 seconds. Marks and inscriptions in Eterna amber stain. All BLAUBRAND® graduated pipettes are supplied with a batch number and an accompanying batch certificate in the original packaging (up to 10ml: 12 pipettes, above 10ml: 6 pipettes). Also available with individual works, USP, or DKD calibration certificate on request. Supplementary to the DIN range.

BRAND



3

Capacity	Grad.	Tolerance	Suitable for cotton plugs	PK	Cat. No.
ml	ml	± ml			
0.5	0.01	0.006	no	1	9.272 430
1	0.01	0.007	no	1	9.272 431
2*	0.01	0.010	no	1	9.272 432
2	0.02	0.010	no	1	9.272 433
5	0.05	0.030	yes	1	9.272 434
10	0.1	0.05	yes	1	9.272 435
25	0.1	0.10	yes	1	9.272 436

* in addition to the DIN range, not conformity certified



1 Graduated pipettes, BLAUBRAND®, partial delivery, blue graduations, type 1

AR-Glas®. Conformity certified. DIN EN ISO 835. Type 1 (Zero at top). BRAND

Calibrated to deliver (TD, Ex). Waiting time 5 seconds. Ring mark and inscriptions in high contrast blue enamel.

All BLAUBRAND® graduated pipettes are supplied with batch number and one batch certificate per manufacturer's outer pack (up to 10ml: 12 pipettes, 25 ml: 6 pipettes). Also available with individual works, USP, or DKD calibration certificate on request.

The batch certificate is also available to download from the supplier's website.

Capacity	Graduations	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± ml		
0.5	0.01	360	0.006	1	9.272 121
1	0.01	360	0.007	1	9.272 122
2*	0.01	360	0.010	1	9.272 124
2	0.02	360	0.010	1	9.272 125
5**	0.05	360	0.030	1	9.272 127
10**	0.1	360	0.050	1	9.272 129
25**	0.1	450	0.100	1	9.272 131

* in completion to DIN, not with conformity certificate

**Cotton plugged



2 Graduated pipettes, Class AS, amber graduations, type 2

BLAUBRAND®, conformity certified, AR-Glas®. DIN EN ISO 835. **Type 2 (zero at top)**, total delivery. Calibrated to deliver (TD, Ex). Waiting time 5 seconds. Schellbach-stripe. BRAND

Marks and inscriptions in high contrast blue enamel.

All BLAUBRAND® graduated pipettes are supplied with a batch number and an accompanying batch certificate in the original packaging (up to 10 ml: 12 pipettes, above 10ml: 6 pipettes). Also available with individual works, USP, or DKD calibration certificate on request. Supplementary to the DIN range.

Capacity	Grad.	Tolerance	Suitable for cotton plugs	PK	Cat. No.
ml	ml	± ml			
0.5	0.01	0.006	no	1	9.272 000
1	0.01	0.007	no	1	9.272 001
1	0.01	0.007	yes	1	9.272 002
2	0.02	0.010	no	1	9.272 003
2	0.02	0.010	yes	1	9.272 004
5	0.05	0.030	yes	1	9.272 005
5	0.10	0.030	yes	1	9.272 006
10	0.1	0.05	yes	1	9.272 007
20	0.1	0.10	yes	1	9.272 008
25	0.1	0.10	yes	1	9.272 009

1 Graduated pipettes, Class AS, AR-Glas®, blue graduation, type 2

BLAUBRAND®, DIN EN ISO 835, conformity certified. Type 2 (nominal volume at top), total delivery. Calibrated to deliver (TD, Ex). Waiting time 5 seconds. Marks and inscriptions in high contrast blue enamel. All BLAUBRAND® graduated pipettes are supplied with batch number and one batch certificate per manufacturer's outer pack (up to 10ml: 12 pipettes, above 10ml: 6 pipettes). Also available with individual works, USP, or DKD calibration certificate on request. The batch certificate is also available to download from the supplier's website.

BRAND

Capacity	Grad.	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± ml		
0.5	0.01	360	0.006	1	9.272 016
1	0.01	360	0.007	1	9.272 017
1	0.1	360	0.007	1	9.272 018
1 ^c	0.01	360	0.007	1	9.272 027
2	0.02	360	0.010	1	9.272 019
2	0.1	360	0.010	1	9.272 020
2 ^c	0.02	360	0.010	1	9.272 028
5 ^c	0.05	360	0.030	1	9.272 021
5 ^c	0.1	360	0.030	1	9.272 022
10 ^c	0.1	360	0.05	1	9.272 023
20 ^c	0.1	360	0.10	1	9.272 024
25 ^c	0.1	450	0.10	1	9.272 025
50 ^c	0.5	450	0.2	1	9.272 026

^c Cotton plugged
*Supplementary to DIN.

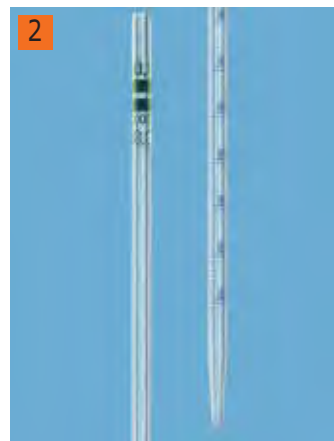


2 Graduated pipettes, BLAUBRAND®, class A, conformity certified, blue graduations

AR-Glas®. In addition to DIN 12689. Length 360 mm. Calibrated to contain (TC, In). Graduations and inscriptions in high contrast blue enamel. An excellent combination of resistance and readability. All BLAUBRAND® bulb pipettes are supplied with batch number and one batch works certificate per pack unit. Individual works, USP or DKD calibration certificates are available - details on request. The batch certificate is also available to download from the supplier's website.

BRAND

Capacity	Graduations	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± ml		
0.1	0.001	360	0.001	1	9.272 102
0.2	0.002	360	0.002	1	9.272 104



3 Graduated pipettes, Class B, AR- clear soda glass®, brown graduations, type 3

NEW!

SILBERBRAND Eterna. DIN EN ISO 835. Type 3 (zero at top). Graduations and inscriptions in Eterna permanent amber diffusion stain. Adjusted to "Ex".

BRAND

Capacity	Grad.	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± ml		
		360		1	9.272 069
1	0.01	360	0.010	1	9.272 070
1 ^c	0.01	360	0.010	1	9.272 086
1	0.1	360	0.010	1	9.272 071
2*	0.01	360	0.015	1	9.272 072
2	0.02	360	0.015	1	9.272 073
2 ^c	0.02	360	0.015	1	9.272 089
2	0.1	360	0.015	1	9.272 074
5 ^c	0.05	360	0.05	1	9.272 075
5 ^c	0.1	360	0.05	1	9.272 076
10 ^c	0.1	360	0.08	1	9.272 077
20 ^c	0.1	360	0.150	1	9.272 078
25 ^c	0.1	450	0.150	1	9.272 079

* Supplementary to DIN.
^c Cotton plugged





1 Graduated pipettes, AR-Glas®, clear soda glass

With tolerances better than class B, zero at top, graduated down to tip, with permanent amber graduations, adjusted to Ex, Type 3 DIN EN ISO 835. Pipettes over 5ml capacity have a large suction tube suitable for cotton wool plugs.

Hirschmann

Capacity	Grad.	Tolerance	Overall length	PK	Cat. No.
ml	ml	± ml	± 5 mm		
0.5*	0.01	0.0075	360	1	9.272 366
1	0.01	0.01	360	1	9.272 367
1*	0.1	0.01	360	1	9.272 368
2*	0.01	0.015	360	1	9.272 376
2	0.02	0.015	360	1	9.272 369
2*	0.1	0.015	360	1	9.272 370
5	0.05	0.045	360	1	9.272 371
5*	0.1	0.045	360	1	9.272 372
10	0.1	0.075	360	1	9.272 373
20*	0.1	0.15	360	1	9.272 374
25*	0.1	0.15	450	1	9.272 375
50*	0.2	0.2	450	1	9.272 377

* Supplementary to DIN.

Also available with dated batch identification acc. to USP (US Pharmacopeia).



2 Graduated pipettes for tissue culture, AR-Glas®, amber graduations

Graduated pipettes, short type, specially for tissue culture and working on cleanroom benches, soda-lime glass (AR), with durable amber stain graduations, ring marks at main graduation points, zero at the bottom to deliver EX (TD) calibrated. Cotton plugged (8mm o.d.).

Hirschmann

Capacity	Grad.	Overall length	PK	Cat. No.
ml	ml	± 3 mm		
1	0.1	230	1	6.080 498
2	0.1	230	1	6.090 340
5	0.1	230	1	6.080 523
10	0.1	230	1	6.510 172
25	0.2	230	1	6.510 335



3 Graduated pipettes, Plastibrand®, PP

Highly transparent. Streak resistant. With blue graduations and markings. Particularly suitable for education and for applications where glass pipettes should not be used. Calibrated for delivery (Ex).

BRAND

Exposure to temperatures up to 60°C will not cause permanent exceeding of tolerance limits. Cleaning below 60°C is recommended to preserve graduations and inscriptions.

Capacity	Graduations	Overall length	Tolerance	PK	Cat. No.
ml	ml	± 10 mm	± µl		
1	0.1	300	20	1	9.272 507
2	0.1	300	20	1	9.272 510
5	0.1	330	50	1	9.272 512
10	0.1	330	100	1	9.272 513



1 Graduated pipettes, soda AR-Glas®, class A

FORTUNA®. With permanent, amber, enamelled graduations. With interchangeable suction pistons (except 100ml size).

Poulsen & Graf

Graduated pipettes with blue enamelled graduations are also available on request.

Capacity	Grad.	PK	Cat. No.
ml	ml		
1	0.01	1	9.273 301
2	0.02	1	9.273 302
5	0.05	1	9.273 305
10	0.1	1	9.273 310
20	0.1	1	9.273 320
25	0.1	1	9.273 325
50	0.2	1	9.273 350
100	1.0	1	9.273 399

1



2 Graduated pipettes, piston type, AR-Glas®, white graduations

SILBERBRAND. Calibrated to deliver (TD, Ex), total delivery. Integral piston pipetting aid with plunger retaining spring.

BRAND

Capacity	Graduations	Tolerance	PK	Cat. No.
ml	ml	± ml		
1	0.01	0.010	1	9.273 506
2	0.02	0.020	1	9.273 509
5	0.05	0.05	1	9.273 511
10	0.1	0.1	1	9.273 513
25	0.1	0.2	1	9.273 515

2



3 LLG-Pasteur pipettes, glass

Single use. With uniform shape and length. With long drawn, 1.1mm diameter fine tip, 20mm suction tube and constriction for tight fitting of cotton wool plugs. External diameter: 7.1mm.

Length	PK	Cat. No.
mm		
150	1000	9.411 015
230	1000	9.411 020

3



4 Pipette teats

Transparent. Choice of materials as indicated.

Type	PK	Cat. No.
Natural rubber/Latex (NR)	1	9.072 681
Silicone (VMQ)	10	9.072 682
Red (NR/SBR)	1	9.072 683

4



8. Liquid Handling

Pipettes/Graduated pipettes

LLG-Pasteur Pipettes disposable, PE



Manufactured from transparent PE. Sterile or non-sterile. Graduated.

Type	Capacity ml	Length mm	PK	Cat. No.
Pasteur pipettes, macro, graduated, non-sterile	3.0	150	500	9.401 080 1
Pasteur pipettes, macro, graduated, non-sterile	1.0	150	500	9.401 081
Pasteur pipettes, macro, graduated, sterile, single wrapped	3.0	150	250	9.401 082



9.401 080

For our Life Science product range - please see page 1165.

2 3 Pipettes, Pasteur , plastic

Disposable. PE. Micro pipette contains a capillary suction tip. Ideal for daily use.

Type	Capacity ml	Length mm	PK	Cat. No.
standard, grad., non-sterile	1.0	155	500	9.411 031
micro, without grad., non-sterile*	3.0	150	500	9.411 032
macro, grad., non-sterile	3.0	155	500	9.411 030
standard, with ring mark, non-sterile	10.0	170	200	9.411 033
standard, without grad., sterile, single wrapped*	1.0	150	500	9.411 038
capillary, grad., sterile, single wrapped*	1.0	144	500	9.411 039
macro, grad., sterile, single wrapped	3.0	150	500	9.411 035
Pasteur-Plast-Pipette	10.0	300	100	6.203 402
Jumbo Pastette® non-graduated, non-sterile	7.3	300	100	9.271 980
Mini Pastette® non-graduated, non-sterile	1.0	104	400	9.271 985
Ultra Pastette® non-graduated, non-sterile	1.0	63	500	9.271 986

* Total volume



1 2 3 LLG-Serological pipettes, PS, sterile

NEW!

- Graduations for accurate dispensing up to $\pm 2\%$
- Colour coding for easy volume identification
- pyrogen-free
- sterile, individually packed

Capacity	Grad.	Colour	PK	Cat. No.
ml	ml			
1	1/100	yellow	500	9.380 440
2	1/50	green	500	9.380 441
5	1/10	blue	200	7.930 401
10	1/10	orange	200	7.930 402
10	1/10	orange (short form)	200	9.380 442
25	2/10	red	150	7.930 403
50	5/10	purple	100	9.380 443

Available from December 2011.



4 5 Pipettes, plastic, disposable, serological

NEW!

Ratiolab

These serological pipettes from Ratiolab were specially designed for cell culture. The special colour-coded system makes it easy to identify the size of the pipette in use. The pipettes are made from high-grade polystyrene and have the following features:

- Guaranteed sterile (gamma irradiated)
- Guaranteed non-pyrogenic
- Guaranteed non-cytotoxic
- Guaranteed non-haemolytic
- Cotton plugged and colour coded
- Larger capacity through extra graduations
- 5 ml, 10 ml and 25 ml pipettes are graduated with bi-directional secondary scale, enabling easier reading.
- Secure and easy-to-open 'tear off' packaging.

Capacity	Colour	Grad.	Negative graduations up to	PK	Cat. No.
ml		ml			
1	Yellow	1/100	0.3 ml	500	9.380 431
2	Green	1/50	0.4 ml	500	9.380 432
5	Blue	1/10	3.0 ml	250	9.380 433
10	Orange	1/10	3.0 ml	200	9.380 434
25	Red	1/5	10.0 ml	100	9.380 435
50	Purple	1/5	0.5 ml	50	6.229 297



6 Serological pipettes, PS

Radiation-sterilised. Black graduations. Upper end with cotton wool plug. Individual sizes color coded. Additional scale for using the complete volume. Individually packed. Pyrogen-free.

Nunc

Capacity	Grad.	additional scale	Tolerance	Colour	PK	Cat. No.
ml	ml	ml	\pm ml			
1	0.01	0.3	0.02	black	1000	9.390 300
2	0.01	0.3	0.04	black	500	9.390 301
5	0.1	2	0.10	blue	200	9.390 302
10	0.1	3	0.20	orange	200	9.390 303
25	0.2	10	0.50	green	200	9.390 304
50	0.5	10	0.75	purple	100	9.390 305





1 Serological Pipettes, PS, sterile

High-quality polystyrene.
Colour coded according to ISO requirements.

Sterilin

Capacity ml	Grad. ml	Negative graduations up to	PK	Cat. No.
1*	1/100	0.2	1000	9.380 123
1	1/100	0.2	1000	9.380 125
5*	1/10	2.0	200	9.380 131
5	1/10	2.0	200	9.380 133
10*	1/10	3.0	500	9.380 135
10	1/10	3.0	500	9.380 137
25*	1/5	10.0	200	9.380 139

* sterile, individually packed



2 Disposable micropipettes ring marked, intraMARK

BLAUBRAND®. DIN ISO 7550.

BRAND

Conformity-certified from 5µl upwards, in accordance with German Weights and Measure Regulations. Calibrated to contain (In). Colour code according to ISO for clear identification.

Length 125 mm
Accuracy $\leq \pm 0.25\%$
Precision $\leq 0.5\%$
(Capacity 5 µl: Accuracy $\leq \pm 0.3\%$, precision $\leq 0.6\%$).
CE-marked according to IVD 98/79 EG.

Marks at µl	Colour	PK	Cat. No.
1/2/3/4/5*	White	250	9.411 307
10	Orange	250	9.411 309
20	Black	250	9.411 318
50	Green	250	9.411 333
100	Blue	250	9.411 344
50 +100	Blue	250	9.411 345
200	Red	200	9.411 357

* Conformity-certified for 5 µl division only.



3 Disposable micropipettes, delbrück pattern, intraEnd

BLAUBRAND®. DIN ISO 7550. Conformity-certified. Volume defined by end-to-end filling.

BRAND

Calibrated to contain (In). Sodium heparinised. Ideal for blood capillary sampling. With a length of only 30mm the pipette can be placed directly into the microcentrifuge tube where it releases the sample during centrifugation. CE-marked according to IVD directive 98/79 EC.

Accuracy: $\leq \pm 0.5\%$
Precision: $\leq 1\%$

Capacity µl	Length mm	PK	Cat. No.
20	30.0	100	9.411 242
50	30.0	100	9.411 246



4 Pipetting aid, intraEnd

For BLAUBRAND® intraEnd micropipettes.

BRAND

Consists of the PET plastic tube, silicone adapter, and TPE suction bellows with venting hole.

Type	PK	Cat. No.
Pipetting aid, intraEnd	10	9.411 440



5 Pipette holders

For intraEnd micropipettes.

BRAND

Type	PK	Cat. No.
Pipette holders	1	9.411 260

1 Capillary pipettes, ringcaps®

Disposable capillary pipettes with ring marks. ringcaps® are exclusively made out of SCHOTT DURAN® glass (CE marked, ISO 7550). The accurately designed ring mark guarantees precise determination of volume, the international colour code on every single micropipette prevents the risk of confusion.
Unit = 1 box of 250 pieces.

Hirschmann



Advantages:

- No risk of cross contamination owing to single use
- SCHOTT DURAN® glass
- Handy length of 125mm
- Conformity certified in accordance with the applicable weights and measures regulations

Type	Capacity µl	PK	Cat. No.
5 marks	1 + 2 + 3 + 4 + 5	250	9.600 105
1 mark	10	250	9.600 110
1 mark	20	250	9.600 120
1 mark	25	250	9.600 125
1 mark	40	250	9.600 140
1 mark	44.7	250	9.600 144
1 mark	50	250	9.600 150
1 mark	100	250	9.600 199
1 mark	200	100	9.600 122
2 marks	5 + 10	250	9.600 210
2 marks	20 + 40	250	9.600 240
2 marks	50 + 100	250	9.600 299
2 marks	100 + 200	100	9.600 222
1 mark	44.7 Na-hep.	250	9.602 144

Capillary pipettes, minicaps end-to-end

Minicaps, with volume defined by end-to-end filling. DURAN® glass.
Conformity certified ISO 7550, with batch number on the packaging.

Hirschmann

Advantages:

- Error-free filling
- Only 30 to 32mm long
- Easy-to-remove, colour-coded dispenser cap
- Conformity certified in accordance with the applicable weights and measures regulations

Supplied in drums of 100 within an outer pack of 1000.

2 Capillary pipettes, DURAN®, minicaps end-to-end

Sodium heparinised. Conformity certified, ISO 7550 CE acc. IVD 98/79/EC.

Hirschmann

Capacity µl	Length mm	PK	Cat. No.
5	30 to 32	100	9.411 252
10	30 to 32	100	9.411 253
25	30 to 32	100	9.411 255
45	30 to 32	100	9.411 257

Other sizes on request.



3 Disposable micro capillary pipettes, DURAN®, minicaps end-to-end acc. "Delbrück"

Conformity certified, sodium-heparinized ISO 7550, CE acc. IVD 98/79/EC.

Hirschmann

Capacity µl	Length mm	PK	Cat. No.
20	30 ±0.5	100	9.411 254
40	30 ±0.5	100	9.411 256
50	30 ±0.5	100	9.411 258

Other sizes on request.





1 Capillary pipettes, DURAN®, minicaps end-to-end, non-heparinised

Non-heparinised. end-to-end, conformity certified ISO 7550, CE acc. IVD 98/79/EG.

Hirschmann

Capacity µl	PK	Cat. No.
0.5	100	9.411 265
1	100	9.411 266
2	100	9.411 267
3	100	9.411 268
3.33	100	9.411 269
4	100	9.411 270
5	100	9.411 271
6.66	100	9.411 272
10	100	9.411 273
20	100	9.411 274
25	100	9.411 275
30	100	9.411 276
40	100	9.411 277
44.7	100	9.411 278
50	100	9.411 279
100	100	9.411 280



2 Haematocrit capillary tubes

Disposable capillaries for blood centrifugation tests, length exactly 75mm, precise with heavy wall thickness and colour-coded acc. to DIN 12 846.

Hirschmann

Type	PK	Cat. No.
plain	1000	6.200 639
sodium-heparinized	1000	7.200 409



3 Micro-haematocrit capillary tubes

Comply with BS 4316-68 and DIN ISO 12 772 specifications.

For use in microhaematocrit centrifuges. Without calibration marks.

BRAND

Heparinised.

For capillary blood sampling. The entire inner surface is coated with sodium-heparinate. Code: red.

Non-heparinised.

To determine heparinised venous blood. Code: blue.

CE-marked according to IVD 98/79 EG.

Length:	75 mm ± 1 mm
Wall thickness:	approx. 0.2 mm
Internal diameter:	1.1 to 1.2 mm
External diameter:	1.5 to 1.6 mm

- CE marked according to IVD 98/79 EG.

Type	PK	Cat. No.
Heparinised	100	9.411 215
Non-heparinised	100	9.411 220



4 Haematocrit sealing compound

Non-drying vinyl plastic compound on a plastic plate. For rapid and safe sealing of several hundred micro-haematocrit capillaries.

BRAND

Pairs of capillaries (24 in total) can be placed upright in the numbered storage places on each side of the plate. CE marked.

Type	PK	Cat. No.
Haematocrit sealing compound	10	9.411 240

1 Safety pipette bulb Flip™

Fits virtually all pipette sizes.
Only two valve operation points.
With automatic vent valve that can be removed for cleaning.

Type	PK	Cat. No.
Flip™	1	9.273 838

2 Safety bulb pipette fillers, rubber

Chemically resistant rubber. With valves for suction, emptying and air release, controlled by thumb and finger pressure.

Type	Figure	PK	Cat. No.
Standard, for pipettes up to 8mm diameter	1	1	9.273 836
Universal, for most pipettes	2	1	9.273 837

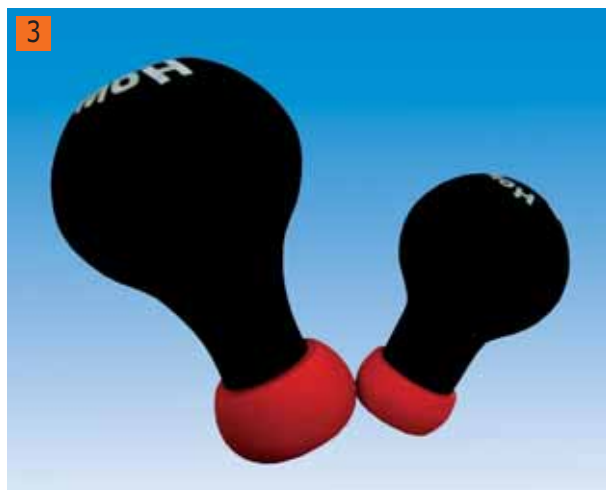


3 Safety pipette bulb Howorka-Ball®

Advantages:

- no rigid connection with tube
- no valves or side vent on tubes
- suitable for all standard tube diameters, including pipettes, burettes, filter tubes etc.
- no unstable air pockets
- long operational life due to durable components
- Easily cleaned and steam sterilized if contaminated with liquids

Capacity ml	PK	Cat. No.
20	1	9.273 826
50	1	9.273 827





1 Pipette bulbs

Rubber. For quick and easy pipetting. Colour coding to prevent confusion.

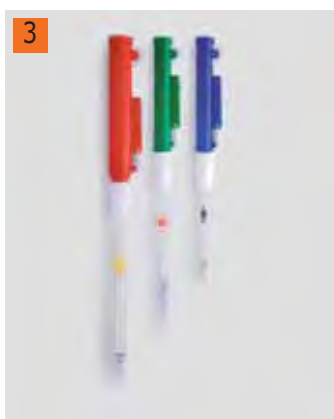
Capacity ml	Colour	PK	Cat. No.
1	Green	1	9.115 501
2	Grey	1	9.115 502
5	Yellow	1	9.115 505
10	Blue	1	9.115 506
15	Red	1	9.115 507



2 Pipette bulb, 'Aspirette'

Patented pipette bulb for safe pipetting of all kinds of liquids. Easy to use and accurate. Highly recommended even with critical or aggressive liquids.

Type	PK	Cat. No.
Aspirette	1	9.273 870



3 Macropipette controllers

NEW!

Isolab

The handwheel allows precise suction of the liquid into the pipette with one hand. The handwheel which enables the suction piston is designed for easy operation by using only the thumb. When the wheel stops, the piston remains in the desired position. The liquid can be blown out by pressing the piston back or allowed to flow out by setting the lateral switch to "Ex". A slight pressure applied to the discharge lever opens the valve and lets the liquid flow out easily

For	PK	Cat. No.
Pipette volume up to 2ml	1	4.008 322
Pipette volume up to 10ml	1	4.008 323
Pipette volume up to 25ml	1	4.008 324



4 Maxi pipette filler, 1ml up to 100ml

NEW!

Isolab

Large capacity bulb which works perfectly with all pipette sizes from 1ml up to 100ml. First squeeze the silicone bulb and the thumb lever controls both the aspirate and dispense modes. Incorporates central button to blow out the residual liquid into the pipettes

Type	PK	Cat. No.
Maxi pipette filler	1	6.238 525

1 Macropipette controllers, 0.1 to 200ml

For use with volumetric and graduated pipettes from 0.1 to 200ml. Unique valve system. Particularly easy to use and lightweight. With hydrophobic membrane filter to prevent penetration of liquid into the controller body. The macropipette controller is autoclavable (121°C).

BRAND

Type	PK	Cat. No.
Macropipette controller, grey	1	9.273 867
Macropipette controller, blue	1	9.273 855
Macropipette controller, magenta	1	9.273 856
Macropipette controller, green	1	9.273 858
Spare hydrophobic membrane filter	1	9.273 868
Valve assembly	1	9.273 860
Spare adapter, silicone	1	9.273 861



2 Reagent Reservoirs

NEW!

With 25ml interval graduations and indents to prevent stacked reservoirs from sticking together. For multichannel pipettors. The bottom of each reservoir tapers down into a narrow trough, to help you get the last drop of liquid.

Heathrow Scientific

Capacity ml	Description	PK	Cat. No.
55	PVC, clear, non-sterile	100	6.236 945
55	PS, white, non-sterile	100	9.409 663
55	PS, white, sterile	50	9.409 666
100	PS, white, non-sterile	100	9.409 664
100	PS, white, sterile	50	9.409 667



3 Reagent reservoirs

Polypropylene solution basin/reagent reservoir has a standard 50mL basin on one side and 12 individual 5mL basins on the other side. Wells are angled both downward and outward, guiding multichannel pipettor tips toward a centered position, which helps to avoid contamination and waste. Imprinted indices identify samples; loose-fitting lids prevent evaporation and contamination. Non-sterile.

Heathrow Scientific

Type	PK	Cat. No.
Dual Solution	25	9.409 665



Multichannel Pipetting Reservoir

NEW!

Three different, autoclavable reservoirs are available:
 - 60ml reservoir with a V-shape for optimal utilisation
 - 125ml reservoir with a sloping bottom
 - 8-channel reservoir with 8 x 10ml volume, floor sloping to one side

Thermo Scientific

Capacity ml	PK	Cat. No.
1 x 60	5	6.077 002
8 x 10	10	6.222 853
1 x 125	10	6.238 478

4 Micropipette controller

For disposable pipettes with micro ring mark and many other small glass pipettes up to 1ml. Autoclavable (121°C). The micropipette controller reduces risk of infection. Contaminated disposable micropipettes can be removed using the integral ejection button.

BRAND

Type	PK	Cat. No.
Micropipette controller	1	9.288 200
Spare suction system	3	9.288 201




1

1 Pipette controllers, micro-classic

Specially designed for IVF laboratory applications. Comfortable and reliable. Thanks to its ergonomic design and easy handling, the micro-classic pipette controller provides the comfort needed for difficult work under the microscope. Suitable for disposable micropipettes with ring marks and other microlitre volume pipettes with a capacity up to 1ml. Suitable for left, or right-handed operation. The adapter and suction tube are autoclavable at 121°C.

BRAND

Description	PK	Cat. No.
Micro-classic, complete, with 2 spare tubes	1	9.281 080
Spare adapter with suction tube	3	9.281 085


2

2 LLG-Electrical pipette pump

NEW!

The LLG-Electrical pipette pump combines a powerful motor with a lightweight, ergonomic design; a reflection of our commitment to the comfort of the end user. Features such as textured grip, hand-neutral design for right- and left-handed users, concave triggers, and convenient controls ensure the filler provides many hours of stress-free filling and dispensing. Filling and dispensing speed is easily set with a single switch. Force liquid out of your pipette by setting the unit to low- or high-speed blow-out mode, or flip to gravity mode for use with "to contain" pipettes and dispense liquid without the motor. Filler accommodates glass and plastic pipettes ranging in volume from 1ml to 100ml. The filter in the polypropylene nozzle prevents contamination. A red low-battery indicator signals when the batteries need to be recharged. Filler can be recharged while in use, or while resting in either the dual-position desktop or magnetic wallmountable holder (both included). Includes two replacement 0.45µm filters. Weight: ca. 200g.

Supplied with:

Power supply 220/230 VAC, 2 NiMH rechargeable batteries (1.2 V), 2 spare membrane filters (PTFE 0.45µm), stand, wall mounting.

Description	PK	Cat. No.
LLG-Electrical pipette pump, incl. holder	1	9.281 040
Membrane filter, 0.45 µm, PTFE, non-sterile	5	9.281 005


3

3 Pipette controller accu-jet® pro

BRAND

Superb control, all with one hand. Choose your operating mode: powered blow-out for speed or sensitivity; delivery by gravity for volumetric accuracy. Set the motor speed range suited to the pipette volume: full power for large volumes; lower speed range for small-volume pipettes. Then, achieve the finest control of filling and delivery by adjusting the pipetting speed as needed without stopping your work; speed is continuously adjustable using button pressure within the selected speed range.

- Exceptionally sensitive meniscus control, even with low-volume pipettes
- Light weight (190g) and smoothly rounded grip ensure comfort and minimize fatigue
- Securely holds all pipettes from 0.1ml to 200ml
- Active vapour exhaust, check valve and filter help protect instrument from liquids and vapours
- Additional battery compartment cover (included) allows instrument to be inverted on the bench to avoid contamination of the pipette adapter.
- 8 hours of continuous pipetting (with a 10ml pipette) on each charge; LED low-battery signal; instrument operates during recharge.

Items supplied: accu-jet® pro, incl. wall support, 2 membrane filters 0.2µm sterile, NiMH battery pack, 2 battery compartment covers, instruction manual and 100-240V 50/60Hz power supply unit for continental Europe.

Description	PK	Cat. No.
accu-jet® pro, dark blue	1	9.281 090
accu-jet® pro, magenta	1	9.281 086
accu-jet® pro, green	1	9.281 087
accu-jet® pro, royal blue	1	9.281 088


4

4 Accessories for accu-jet® controller

BRAND

Description	PK	Cat. No.
NiMH-Akku battery charger only	1	9.281 096
Silicone adapter, with non-return valve (PTFE)	1	9.281 094
Membrane filter, 0.2 µm, in blister pack, sterile*	1	9.281 092
Membrane filter, 0.2 µm, in PE bag, non-sterile	10	9.281 091
Membrane filter, 3 µm in blister pack, non-sterile	1	9.273 868
Membrane filter, 3 µm, in PE bag, non-sterile	10	9.281 095

* Sterilized with ethylene oxide (ETO), guaranteed SAL of 10⁻⁶.

1 Pipette controller, pipetus®

Hirschmann

Safe, handy, mains-independent controller with no interfering power cable. Lightweight, despite its sophisticated technology. Ergonomically designed down to the smallest detail for fatigue-free, repetitive pipetting with all pipettes from 0.1 to 200ml. Intelligent recharging technology ensures that the pipettor is always ready for use. Also beneficial is the colour display, which shows the operator the pre-selected settings like speed, pipetting modes Ex or BlowOut and the battery capacity, at a glance.

The pipettor has the following features:

- Ergonomic and lightweight (just over 200g)
- Ex/blow-out switching ensures that precise volumes are pipetted from both Ex and blow-out pipettes. 5 pipetting speeds can be pre-selected for quick and fine (drop by drop) pipetting.
- Ultra-modern charging technology is provided in the inductive charging stand (supplied)
- Battery capacity is continually monitored via microcontroller, no memory effect
- Colour display shows battery capacity, selected speed and Ex or BlowOut setting
- Unique operating capacity: depending on requirements, up to 1 week continuous power is available without recharging
- Fine meniscus adjustment thanks to superior valve technology
- Safety valve prevents overfilling of pipette ensuring that no liquid enters the instrument
- Ergonomic outer case aids fatigue-free operation

Supplied with:

Charger with plug socket, including inductive charging stand, wall unit and PTFE membrane filter.

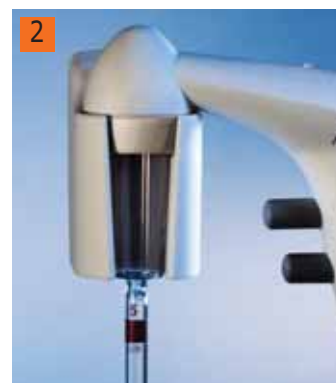


Type	PK	Cat. No.
pipetus®	1	9.283 958

2 Pipette controllers, pipetus®, accessories

Hirschmann

Type	PK	Cat. No.
Pipet holder, complete	1	9.283 970
Filter disc with one-sided plug-in connection (5 pcs)	5	9.283 965
Spare silicone adapter	1	9.283 961
Spare safety valve	1	9.283 962
Charging set 230 V including inductive charging station	1	9.283 966
Mounting bracket	1	9.283 967
Retainer Ring "white"	1	9.283 968
Pipet holder housing	1	9.283 969
Table Stand	1	9.287 859



3 Pipette stand "horizontal"

Pipette stand "horizontal" is made from moulded polypropylene which is autoclavable. On each side, 6 pipettes (longer than 22 cm) can be stored horizontally. Easy to clean.

Isolab

Dimensions mm	PK	Cat. No.
240 x 180 x 290	1	9.273 896



4 Pipette stand "vertical"

Pipette stand, vertical is made from moulded polypropylene. This stand can hold up to 94 pipettes and rotates on a central vertical axis for easy selection of any particular pipette. The base plate has a raised edge which catches dripping liquids.

Isolab

Type	PK	Cat. No.
Pipette stand "vertical"	1	9.273 895





1 Pipette storage container

With lid. Base dia. x height: 130 x 430mm, int. dia.: 83mm. Suitable for dust-proof storage of pipettes up to 400mm long.

Kartell

Type	PK	Cat. No.
With lid (PP container, PE-HD lid)	1	9.273 900



2 Pipette soaking jar

PE-HD.

Kartell

For pipette length mm	Int. dia. mm	PK	Cat. No.
250	125	1	9.273 928
500	160	1	9.273 920
650	160	1	9.273 925



3 Pipette baskets

PE-HD. Cylindrical, with handle.

Kartell

For pipette length mm	Base dia. mm	Height mm	PK	Cat. No.
360	145	495	1	9.273 980
460	145	645	1	9.273 985
600	145	870	1	9.273 990



4 Pipette rinsers

PE-HD. For easy and gentle cleaning of pipettes using the repetitive siphon principle. The complete rinsing system comprises rinser, soaking jar and pipette basket. Water flow should be adjusted to approx. 2 litres/min. Please order soaking jar and pipette basket separately.

Kartell

For pipette length mm	Capacity L	Int. dia. mm	Height mm	PK	Cat. No.
460	13	150	740	1	9.409 238
600	17	150	1000	1	9.409 239



5 Cargo Manual Pipette Rack

NEW!

Ideal for your serological pipettes. Use as individual units, or click together horizontally or vertically. Magnets on both sides of units connect safely to metal surface such as file cabinets, fume hoods, refrigerators, and freezers. Angled shelves store your 0.1 to 50 mL pipettes within arms reach for use. Protective lid encloses the unit to prevent dust build up. Colour: 3 different shades of blue. Dimensions (L x W x H): 301 x 100 x 127.5mm each.

Heathrow Scientific

Type	PK	Cat. No.
Cargo Manual Pipette Rack	3	9.273 930



6 Pipette sterilizing boxes, square

Square section. Stackable. 18/10 stainless steel. With silicone pad in base and lid. Box W x D: 70 x 70 mm. Sterilizable up to 205°C.

Bochem

Length mm	Effective length mm	Dia. mm	PK	Cat. No.
210	202	70 x 70	1	9.010 781
290	282	70 x 70	1	9.010 782
340	332	70 x 70	1	9.010 783
435	427	70 x 70	1	9.010 784

➔ For our Life Science product range - please see page 1165

1 Pipette sterilizing boxes

Cylindrical. 18/10 stainless steel. With silicone pad in base and lid. Rotating the lid exposes or hides the lid perforations. Sterilizable up to 205°C.

Bochem

Height mm	Effective length mm	Dia. mm	PK	Cat. No.
450	442	65	1	9.010 793
380	372	80	1	9.010 794
500	492	80	1	9.010 795



2 Variable pipette boxes

Comprising two, sliding aluminium sections which can be gently pressed together in a telescopic fashion to fit the length of the pipettes to be sterilized. This means that only one container size for 280 to 420 mm long standard pipettes and one for 145 to 235 mm long short or pasteur pipettes are required. 2mm thick silicone rubber pad prevents damage to pipettes when loading and transporting. Silicone rubber pad - please order separately.

Isolab

Type	Variable length mm	Int. dia. mm	PK	Cat. No.
Pipette box	145 to 235	60	1	9.010 801
Pipette box	280 to 420	60	1	9.010 800
Silicone pad		58	1	9.010 770



3 Rack GESTICON for pipette containers

For holding Specicon, Varicon RS or square pipette boxes. Handy storage at the workbench for a variety of pipettes.

schuett-biotec

Stainless steel frame with fixed and angled apertures for holding 4, 6 or 8 round or square pipette boxes.

Type	For	Width mm	Depth mm	Height mm	PK	Cat. No.
Gesticon E4	4 pipette containers	195	235	229	1	9.010 804
Gesticon E6	6 pipette containers	195	235	315	1	9.010 806
Gesticon E8	8 pipette containers	195	235	405	1	9.010 807



1



1 LLG-Digital Microlitre pipettors

Comfortable to use

Minimal effort is required for pipetting which reduces the risk of repetitive strain injuries (RSI). Volume setting is easy and precise, using the push button, even when wearing gloves. With integrated soft grip.

Maximum Precision and Accuracy

Thermal insulation of the internal components, using the innovative, ergonomic, coloured soft grip, improves accuracy and ensures safe, easy handling.

Universal Blow-out System

Two step plunger operation allows reverse pipetting. This also facilitates last drop dispensing by soft plunger movements. High accuracy and precision are guaranteed.

Easy Maintenance and Adjustment

Easy to adjust, with just one tool. Maintenance and adjustment take only a few minutes. The pipettor design and the universal tool are a perfect partnership for simple, rapid adjustment.

Contamination-free Pipetting

The pipettor is fully autoclavable, ideal for applications where sterility is important.

Satisfaction Guaranteed

Each pipette is individually tested and calibrated twice, conforming to EN ISO 8655 and DIN 12650 Standards. A certificate is included.

Made in Germany, CE certified.

Capacity	Accuracy $\leq \pm A\%$ (max. vol.)	Reproducibility $\leq \pm V\%$ (max. vol.)	PK	Cat. No.
μl				
0.1 to 2.5	1.5	0.8	1	9.280 000
0.5 to 10	1.0	0.5	1	9.280 001
2 to 20	1.0	0.3	1	9.280 002
10 to 100*	0.8	0.2	1	9.280 003
20 to 200	0.6	0.2	1	9.280 004
100 to 1000*	0.6	0.2	1	9.280 005
500 to 5000*	0.6	0.15	1	9.280 006
1000 to 10000**	0.6	0.15	1	9.280 007

*Filters for pipettors available on request.

** 10000 μl Pipettor does not have a tip ejector

2



2 LLG-Digital Microlitre pipettors, Packages

NEW!

These two pipettor packages cover the most used volumes:

Package 1 Micro comprises:

- 3 Microlitre pipettors with the volumes
 - LLG-microlitre pipettor 0.5 to 10 μl
 - LLG-microlitre pipettor 10 to 100 μl
 - LLG-microlitre pipettor 100 to 1000 μl
- for each pipettor one bag of tips
 - crystal (0.1 to 10 μl) 1000 tips
 - yellow (10 to 100 μl), 1000 tips
 - blue (100 to 1000 μl), 1000 tips

Package 2 Macro comprises:

- 3 Microliter pipettors with the volumes
 - LLG-microlitre pipettor 100 to 1000 μl
 - LLG-microlitre pipettor 500 to 5000 μl
 - LLG-microlitre pipettor 1000 to 10000 μl
- for each pipettor one bag of tips
 - blue (100 to 1000 μl), 1000 tips
 - clear (100 to 5000 μl), 250 tips
 - clear (1000 to 10.000 μl), 100 tips

Type	PK	Cat. No.
Package 1 Micro	1	9.280 008
Package 2 Macro	1	9.280 009
Package 1 Micro + 4-place-rack	1	6.237 000
Package 1 Micro + 6-place-rack	1	6.237 001
Package 2 Macro + 4-place-rack	1	6.237 002
Package 2 Macro + 6-place-rack	1	6.237 003

Pipette tips please see page 901.

1 LLG-Racks for Microlitre pipettors, PMMA

White, stable plastic (PMMA), industrial grade. Pipettors are held in an ergonomic position for easy withdrawal and replacement. Adjustable heights. Suitable for all kind of pipettors.

Description	PK	Cat. No.
for 4 pipettors	1	9.280 010
for 6 pipettors	1	9.280 011



2 Racks for Microlitre pipettors

NEW!

Manufactured from robust, high density acrylic. It has a bottom section with a closure lid for storage of different types of micropipette tips. It has a modern and ergonomic design that enables extremely easy handling and storing of six micropipettes and pipette tips.

Description	PK	Cat. No.
station for 6 micropipettes	1	4.008 503



3 Shelf pipette holder 332

NEW!

For two Acura® and Calibra® micro, macro and/or multichannel pipettes. Material: polycarbonate (PC). Maintenance: clean with mild detergent. Not autoclavable.

Socorex

Type	PK	Cat. No.
Shelf pipette holder for two microdispenser	1	6.235 370



4 Clamp for Microlitre pipettors Clamp-Ette®, PP

NEW!

Chemical-resistant PP. Autoclavable.

Heathrow Scientific

Type	Dimensions mm	PK	Cat. No.
Pipettor clamp, plastic	110 x 45 x 105	1	9.280 012



Accessoires for Acura® electro pipettes

NEW!

Socorex

Description	PK	Cat. No.
Stand for pipettes or battery packs, 3 positions	1	6.225 818
Stand for power handles only, 3 positions	1	6.225 848
Spare battery for blue Acura® electro line, NiMH, 4.8V	1	9.411 708



1 Single-channel microlitre pipettors, Transferpette® S Fixed Volume

Transferpette® S models are the perfect manual pipettors for the most demanding applications in the laboratory. They include all of the features requested by Life Science users: rugged construction, one-hand volume adjustment, complete autoclavability, highest precision, and Easy Calibration™ technology for convenient, long-term reliability.

BRAND

Transferpette® S features at a glance:

- familiar, centrally placed pipetting key and separate tip ejector
- ergonomic finger rest that adapts to your hand for a relaxed grip
- easy, one-handed volume setting for right-or left-handed users
- entirely autoclavable at 121°C (2 bar), according to DIN EN 285
- colour-coding for easy tip selection
- corrosion-resistant piston and ejector for durability
- volume range from 10µl to 1000µl
- CE-IVD-conform

Items supplied: Transferpette® S Fixed Volume, conformity-certified, with quality certificate and shelf mount.

Capacity	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
µl			µl		
10	1	0.5	0.1 - 20, 0.5 - 20, 0.5 - 10*	1	9.280 040
20	0.8	0.4	2 - 200, 5 - 300, 2 - 20*, 5 - 100*	1	9.280 041
25	0.8	0.4	2 - 200, 5 - 300, 5 - 100*	1	9.280 042
50	0.8	0.4	2 - 200, 5 - 300, 5 - 100*	1	9.280 043
100	0.6	0.2	2 - 200, 5 - 300, 5 - 100*	1	9.280 044
200	0.6	0.2	2 - 200, 5 - 300, 5 - 200*	1	9.280 045
500	0.6	0.2	50 - 1000, 50 - 1250, 50 - 1000*	1	9.280 046
1000	0.6	0.2	50 - 1000, 50 - 1250, 50 - 1000*	1	9.280 047

* Filter tips



2 Single-channel microlitre pipettors, Transferpette® S Digital Adjustable Volume

The Transferpette® S models are the perfect manual pipettors for the most demanding applications in the laboratory. They include all of the features requested by Life Science users: rugged construction, one-hand volume adjustment, complete autoclavability, highest precision, and Easy Calibration™ technology for convenient, long-term reliability.

BRAND

Transferpette® S features at a glance:

- Familiar, centrally placed pipetting key and separate tip ejector
- Ergonomic finger rest that adapts to your hand for a relaxed grip
- Easy, one-handed volume setting for right-or left-handed users
- Easy-to-read 4-digit volume display for highest precision
- Entirely autoclavable at 121°C (2 bar), DIN EN 285
- Colour-coding for easy tip selection
- Corrosion-resistant piston and ejector for durability
- Easy Calibration technology on the Transferpette® S digital models, providing calibration adjustments without tools, and a clear indication when the pipettes have been adjusted from factory settings
- Volume range from 0.1µl to 10 ml!
- CE-IVD-conform

Items supplied: Transferpette® S Digital Adjustable Volume, conformity-certified, with quality certificate and shelf mount.

Capacity	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Grad.	Tip	PK	Cat. No.
µl			µl	µl		
0.1 to 1	2	1.2	0.001	0.1 - 20, 0.1 - 1*	1	9.280 050
0.5 to 10	1	0.5	0.01	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 051
2 to 20	0.8	0.4	0.02	2 - 200, 5 - 300, 2 - 20*, 5 - 100*	1	9.280 052
10 to 100	0.6	0.2	0.1	2 - 200, 5 - 300, 2 - 20*, 5 - 100*	1	9.280 053
20 to 200	0.6	0.2	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 054
100 to 1000	0.6	0.2	1	50 - 1000, 50 - 1250, 50 - 1000*	1	9.280 055
500 to 5000	0.6	0.2	5	0.5 - 5 ml	1	9.280 056
1000 to 10000	0.6	0.2	10	1 - 10 ml	1	9.280 057

* Filter tips

1 Single channel pipettor Starter-Kits, Transferpette® S

Cost-saving Starter-Kits containing three Transferpette® S pipettes of different volumes with corresponding racked Plastibrand® pipette tips and shelf-mounting, pipettor holders.

BRAND



Items supplied: 3 Transferpette® S Digital adjustable pipettors, 3 x Tip-Boxes (filled), 3 shelf mounts.

Type	Description	PK	Cat. No.
Starter-Kit Micro	0.1 to 1 µl, 0.5 to 10 µl, 10 to 100 µl	1	9.280 060
Starter-Kit Midi	2 to 20 µl, 20 to 200 µl, 100 to 1000 µl	1	9.280 061
Starter-Kit Macro	100 to 1000 µl, 500 to 5000 µl, 1000 to 10000 µl	1	9.280 062
Starter-Standard-Kit	0,5 to 10 µl, 10 to 100 µl, 100 to 1000 µl	1	9.280 063

2 Stand for Transferpette® S single channel microlitre pipettors

BRAND

Description	PK	Cat. No.
Bench stand for 1 pipettor*	1	7.510 391
Bench stand for 6 pipettors	1	9.280 065
Shelf hanger for one pipettor	1	9.280 066

* for Transferpette®-8/12 or Transferpette® S-8/12



Positive displacement pipettors, Transferpettor

For easy, clean pipetting of problematic media.

BRAND

Transferpettor operates by positive displacement, which makes it ideal for pipetting:

- Highly viscous media such as oils, resins and fats up to a viscosity of 50000mm²/sec.
- Media with high vapour pressure up to 500mbar (Alcohols, ethers, hydrocarbons etc.)
- Media with a high density up to 13.6g/cm³ (e.g. mercury and sulphuric acid)
- Media that tend to foam (surfactant solutions).
- Working temperature range: 15°C to 40°C

Capillary tubes and tips can be used over and over again, since residual wetting is negligible and generally has no influence on the overall result. This leads to lower material costs and reduced waste.

But: In cases, where no contamination is permitted, e.g. with infectious or radioactive media, the Brand Transferpette® is recommended, an air displacement pipettor for comfortable working with disposable tips.

Items supplied: Transferpettor, conformity-certified, with quality certificate.

8. Liquid Handling

Pipettes/Microlitre Pipettors

1



1 Pipettors Transferpettor Type Digital

Other capacities are available on request.

BRAND

Capacity µl	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Grad. µl	Cap material	PK	Cat. No.
2.5 to 10	1.0	0.8	0.01	glass*	1	9.280 602
5 to 25	0.5	0.5	0.1	glass*	1	9.280 605
10 to 50	0.6	0.4	0.1	glass*	1	9.280 610
20 to 100	0.6	0.4	0.1	glass*	1	9.280 620
100 to 500	0.5	0.2	1.0	PP**	1	9.280 724
200 to 1000	0.5	0.2	1.0	PP**	1	9.280 726
1000 to 5000	0.5	0.2	10.0	PP**	1	9.280 730
2000 to 10000	0.5	0.2	10.0	PP**	1	9.280 732

* PTFE-Seals

**PE-Seals

2



3



2 3 Caps for pipettors Transferpettor Digital

BRAND

Capacity µl	Material	PK	Cat. No.
1, 2, 3, 4, 5	glass	100	9.280 800
2.5 to 10.10	glass	100	9.280 801
20	glass	100	9.280 802
5 to 25.25	glass	100	9.280 803
10 to 50.50	glass	100	9.280 805
20 to 100, 100 / 200	glass	50	9.280 810
100 to 500	PP	10	9.280 741
200 to 1000	PP	10	9.280 742
1000 to 5000	PP	10	9.280 743
2000 to 10000	PP	10	9.280 745

4



4 5 Seals for pipettor Transferpettor

BRAND

Capacity µl	Material	PK	Cat. No.
5 to 25.20	PTFE	3	9.280 901
10 to 50.50	PTFE	3	9.280 903
20 to 100; 100 / 200	PTFE	3	9.280 905
100 to 500	PE	10	9.280 751
200 to 1000	PE	10	9.280 752
1000 to 5000	PE	10	9.280 753
2000 to 10000	PE	10	9.280 755

5



6



6 Pipettors, Transferpettor, accessories

BRAND

Transferpettor stations. For storage of
4 instruments up to 200 µl with accessories or
2 instruments from 0.5 to 10 ml with accessories.

Type	PK	Cat. No.
For 2 instruments with accessories	1	9.280 581
For 4 instruments with accessories	1	9.280 850

1 Transferpette® electronic, electronic single and multichannel pipettors

The Transferpette® electronic design ensures significantly easier operation and is the first microlitre pipette worldwide to be awarded the "Ergonomics Approved" certificate from the TÜV Rhineland.

BRAND

The optimal design, the arrangement of the operating keys and the adjustable finger rest allow the motorized Transferpette® electronic to be tailored to the shape of your hand. The innovative, two-component, nose cone of the 20µl to 200µl and 100µl to 1000µl, single-channel pipette sizes and the special V-rings of the multichannel pipette significantly reduce the tip-mounting and ejection forces to a minimum and allow perfect fit of virtually all commercially available tips.

- motor-driven, to reduce the risk of RSI and imprecision/inaccuracy caused by operator variability
- five operating modes: Pipetting mode, Reverse pipetting, Mixing, Dispensing, Gel-electrophoresis modes
- Easy Calibration function for rapid adjustment of the unit without tools
- extremely fast pipetting speed
- simple, in-lab maintenance
- completely autoclavable pipette shafts and multichannel manifolds
- NiMH rechargeable battery pack and battery regeneration-mode
- CE-marked according to IVD-Directive 98/79 EC



Every single-channel Transferpette® electronic is supplied with its own power supply unit. As an alternative the accessory three-pipette stand can charge up to three instruments at the same time. With the charging stand, individual chargers are not needed. Multichannel Transferpette®-8/-12 electronic pipettes are additionally supplied with a stand, one reagent reservoir, one Tip-Box SL and one Tip-Rack.

2 Pipettors, Transferpette® electronic

Items supplied: Transferpette® electronic, conformity certified, with performance certificate, battery, 230V/50Hz power supply adapter (with continental European plug, alternative versions available on request), silicone oil.

BRAND

Capacity	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Grad.	Tip	PK	Cat. No.
µl			µl	µl		
0.5 to 10	1.0	0.4	0.01	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 113
2 to 20	1.0	0.4	0.02	0.1 - 20, 0.5 - 20, 0.5 - 10*	1	9.280 100
20 to 200	0.8	0.2	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 101
100 to 1000	0.6	0.2	1.0	50 - 1000, 50 - 1250, 50 - 1000*	1	9.280 102
500 to 5000	0.6	0.2	5.0	500 - 5000	1	9.280 114
0.5 to 10**	1.0	0.4	0.01	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 115
2 to 20**	1.0	0.4	0.02	0.1 - 20, 0.5 - 20, 0.5 - 10*	1	9.280 103
20 to 200**	0.8	0.2	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 104
100 to 1000**	0.6	0.2	1.0	50 - 1000, 50 - 1250, 50 - 1000*	1	9.280 105
500 to 5000**	0.6	0.2	5.0	500 - 5000	1	9.280 116

* Filter tips

**without a.c. adapter, please order with 3-device charging stand 9.280 106

2





1 Multichannel microliter pipette Transferpette® S -8/-12

BRAND

The new Transferpette® S -8/-12 multichannel pipettes are the perfect manual pipettes for the most demanding applications in the lab. They provide all of the features required by users working in the life sciences field. A particular advantage of the new multichannel pipette is the easy operation, e.g. when performing serial pipetting of immunological assays, while serial dilutions or when filling the 96-well plates for cell cultures.

The use of new innovative materials results in a pipette that is light, precise, rugged and reliable. Transferpette® S -8/-12 pipettes are each available in 5 different models and cover the volume range from 0.5µl to 300µl.

Highlights at a glance:

- Central pipetting button and big separate tip ejector for reducing tip ejection forces.
- Short pipetting stroke; reduces the risk of RSI and enhances comfort for operators with smaller hands.
- Curved finger rest supports pipette for relaxed pipetting.
- Real one-handed operation; volume change and volume change protection.
- 4-digit volume display for precise volumes; always remains visible during pipetting.
- Completely autoclavable at 121°C (2 bar) without disassembly, DIN EN 285.
- Corrosion-resistant piston.
- Easy Calibration Technique: calibration and adjustments are done within seconds; adjustment from factory settings is clearly visible from the outside.
- Replaceable nose cones and seals to simplify service for long instrument life.
- Compatible with most common tips.
- With colour-code for easy selection of the right tip.
- CE-marked according to IVD-Directive 98/79 EC.

Items supplied:

Transferpette® S -8/-12, conformity certified, performance certificate, 1 Tip-Box N filled with Plastibrand® tips, 1 Tip-Rack refill unit, 1 shelf/rack mount, 1 reagent-reservoir, 1 set of sealing rings made of FKM and silicon oil.

2 Multichannel pipettors Transferpette® S-8

BRAND

Capacity	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Grad.	Tip	PK	Cat. No.
µl			µl	µl		
0.5 to 10	1.6	1.0	0.1	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 030
5 to 50	0.8	0.4	0.1	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 031
10 to 100	0.8	0.3	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 032
20 to 200	0.8	0.3	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 033
30 to 300	0.6	0.3	0.2	2 - 200, 5 - 300, 5 - 100*, 5 - 200*	1	9.280 034

* Filter tips

3 Multichannel pipettors Transferpette® S-12

BRAND

Capacity	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Grad.	Tip	PK	Cat. No.
µl			µl	µl		
0.5 to 10	1.6	1.0	0.1	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 035
5 to 50	0.8	0.4	0.1	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 036
10 to 100	0.8	0.3	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 037
20 to 200	0.8	0.3	0.2	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 038
30 to 300	0.6	0.3	0.2	2 - 200, 5 - 300, 5 - 100*, 5 - 200*	1	9.280 039

* Filter tips





1 Multichannel pipettors Transferpette® -8/-12 electronic

Items supplied: Transferpette® -8/-12 electronic, conformity certified, with performance certificate, battery, power supply adapter**, stand, Tip-Box SL, refill units, reagent-reservoir, silicone oil.

BRAND

Description	Capacity	Grad.	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
	µl	µl					
8-channel	0.5 to 10	0.01	1.2	0.8	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 117
8-channel	2 to 20	0.02	1.0	0.5	0.1 - 20, 0.5 - 20, 0.5 - 10*	1	9.280 107
8-channel	10 to 100	0.1	0.8	0.25	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 108
8-channel	10 to 200	0.2	0.8	0.25	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 118
8-channel	30 to 300	0.5	0.6	0.25	2 - 200, 5 - 300, 5 - 100*, 5 - 200*	1	9.280 109
12-channel	0.5 to 10	0.01	1.2	0.8	0.1 - 20, 0.5 - 20, 0.1 - 1*, 0.5 - 10*	1	9.280 119
12-channel	2 to 20	0.02	1.0	0.5	0.1 - 20, 0.5 - 20, 0.5 - 10*	1	9.280 110
12-channel	10 to 100	0.1	0.8	0.25	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 111
12-channel	10 to 200	0.2	0.8	0.25	2 - 200, 5 - 300, 2 - 20*, 5 - 100*, 5 - 200*	1	9.280 128
12-channel	30 to 300	0.5	0.6	0.25	2 - 200, 5 - 300, 5 - 100*, 5 - 200*	1	9.280 112

* Filter tips

** 230V 50Hz with continental European plug, alternative versions are available on request.

8. Liquid Handling

Pipettes/Microlitre Pipettors

1 Pipettors, Transferpette®, accessories

Racks, bench-top, for Transferpettes as indicated.

BRAND

For	PK	Cat. No.
1 x 3 transferpettes	1	9.280 521
2 x 3 transferpettes (rondell)	1	9.280 522

2 Pipettors, Transferpette®, accessories

Racks, wall-mounting, for 3 transferpettes (not suited for Transferpette® 0.5 - 5ml and 2 ml).

BRAND

Type	PK	Cat. No.
Racks, wall-mounting, for 3 transferpettes	1	9.280 098

1



2



Stands only for Transferpette® electronic single channel pipettors

BRAND

Type	PK	Cat. No.
3-pipettor charging stand with a.c. adapter (230V 50Hz, continental European plug)	1	9.280 106 3
Single stand, for pipettors up to 1000 µl	1	9.280 129
Single stand, for 500 to 5000 µl pipettors	1	9.280 130 4

3



9.280 106

4



9.280 130

1 Pipettors, Transferpette® and Transferpette® -8/-12, accessories

Pipette keys for Transferpette. Choice of colours. 2 labels are included with each key.

BRAND



Colour	PK	Cat. No.
Light green	5	9.280 530
Pink	5	9.280 531
Blue	5	9.280 532
Beige	5	9.280 533
Dark grey	5	9.280 534
Assorted colours	5	9.280 535

2 Multichannel pipette reservoir

PP. Translucent. Maximum filling volume 60ml. Suitable for multichannel pipettes with 8 or 12 channels. Autoclavable (121°C).

BRAND



Description	PK	Cat. No.
non-sterile, with lid	10	9.280 131
sterile, without lid (single packed)	100	9.280 132
sterile, without lid (in bags with 5 pieces)	200	9.280 133

3 4 Acura® 825/835 manual - digital reading micropipettors

The latest Acura® manual pipette line was built with the same attention that made the brand famous over several instrument generations. Introducing a smooth, modern design with easy volume reading, it also features a number of innovations enabling safe and easy, high performance pipetting.

Socorex

The Acura® line features

- Digital display window for permanent volume visibility
- Exceptionally user-friendly ergonomics
- Light weight
- Ultra-smooth, effortless activation
- Innovative tip ejection concept
- *Swift-set* user calibration system
- Totally autoclavable at 121°C

Capacity	Accuracy ≤ ± A% (min. vol.)	Accuracy ≤ ± A% (max. vol.)	Repro- ducibility ≤ ± V% (min. vol.)	Reproducibility ≤ ± V% (max. vol.)	PK	Cat. No.
μl						
0.1 to 2	6.0	2.0	5.0	1.5	1	9.411 590
0.5 to 10	2.5	1.0	1.8	0.5	1	9.411 591
1 to 10	2.5	1.0	2.5	0.7	1	9.411 592
2 to 20	2.5	1.0	1.7	0.5	1	9.411 593
5 to 50	1.5	1.0	1.0	0.4	1	9.411 594
10 to 100	1.5	0.8	1.0	0.2	1	9.411 595
20 to 200	1.5	0.6	0.6	0.2	1	9.411 596
100 to 1000	1.5	0.5	0.5	0.2	1	9.411 597
200 to 2000	1.5	0.5	0.5	0.2	1	6.230 186
500 to 5000	1.5	0.6	0.6	0.3	1	9.411 598
1000 to 10000	1.5	0.5	0.5	0.2	1	9.411 599



Pipettors, air displacement, variable macro volume, Acura® 835, accessories

Socorex

Description	PK	Cat. No.
Protection filter for 10ml model	100	9.411 484
Glass Pasteur pipette	250	9.411 483
2ml natural macrotip, bag	500	9.411 501
5ml natural macro tips, bag	500	9.411 449
5ml natural macro tips, box	100	6.224 893
10ml natural macrotips, bag	300	9.411 502
Nozzle filter for modell 2 and 5ml	250	6.205 906

1 Micropipettes Acura® manual Triopack™

Set with 3 adjustable pipettors.

Socorex

Type	Capacity µl	PK	Cat. No.
Acura 825 Triopack.C	2, 10, 50	1	9.411 620
Acura 825 Triopack.J	2, 20, 200	1	9.411 621
Acura 825 Triopack.M	10Y, 50, 200	1	9.411 622
Acura 825 Triopack.O	10, 100, 1000	1	9.411 628
Acura 825 Triopack.P	10Y, 100, 1000	1	9.411 623
Acura 825 Triopack.S	20, 200, 1000	1	9.411 624
Acura 825 Triopack.T	50, 200, 1000	1	9.411 625
Acura 825 Triopack.V	0.1, 1.5	1	9.411 626
Acura 825 Triopack.Y	1, 5, 10	1	9.411 627



We can supply this
manufacturer's
 whole
product range !

partner of the
LLG
 Lab Logistics Group

SOCOREX
 SWISS

1 Extra sharp micropipettors Acura® manual XS

NEW!

Socorex

The Acura® manual XS line was designed with the research scientists in mind. Shorter, smoother, lighter in weight, the eight models offer key features aiming at excellence in pipetting.

Features:

- Excellent ergonomic shape and size ratio
- Short, narrow shaft fitting smaller microtubes
- Reduced weight, lighter than other leading brands
- New tightness seal for smooth activation
- Adjustable tip ejector
- Swift-set user calibration system
- Autoclavable fully assembled
- Self-locking click-stops for precise and safe volume setting
- Free rotating, colour coded cap, independent from volume adjustment
- Soft padded, large tip ejection button, comfortable thumb position
- Ergonomic finger rest in line with overall hand comfort
- CE marking in conformity with IVD 98/79 EEC directives
- Weights: 83 to 88g
- Shaft length reduction improves drivability
- Narrow, conical shaft end, easy access to microtubes
- Justip™ up and down adjustment system of tip ejector
- Seal sticker protects swift-set calibration lock
- Robust material, offers extended lifespan

Capacity	Grad.	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
µl	µl			µl		
0.1 to 2	0,002	2,0	1,5	Ultra 10	1	9.411 640
0.5 to 10	0,01	1,0	0,5	Ultra 10	1	9.411 641
1 to 10	0,01	1,0	0,7	200	1	9.411 642
2 to 20	0,02	1,0	0,5	200	1	9.411 643
5 to 50	0,1	1,0	0,4	200	1	9.411 644
10 to 100	0,1	0,8	0,2	200	1	9.411 645
20 to 200	0,2	0,6	0,2	200	1	9.411 646
100 to 1000	1	0,5	0,2	1000	1	9.411 647

1





1 Micropipettors TwiXS Pack Acura® manual XS 826

NEW!

- Ready-to-use set includes:
- Two Acura® manual XS pipettes
 - Shelf pipette holder for two pipettors
 - Qualitips® samples
 - QC certificate
 - Operating instructions

Socorex

Type	Capacity	Tip	PK	Cat. No.
	μl	μl		
TwiXS Pack E	0.1 to 2 and 2 to 20	Ultra 10 200	1	9.411 650
TwiXS Pack G	0.5 to 10 and 10 to 100	Ultra 10 200	1	9.411 651
TwiXS Pack K	5 to 50 and 20 to 200	200 200	1	9.411 652
TwiXS Pack N	10 to 100 and 100 to 1000	200 1000	1	9.411 653



2 Micropipettors Acura® manual 855

Socorex

- 8- and 12-channel models up to 350 μl
- light weight and perfect hand fitting
- easy to handle
- precision digital display visible at all time
- 360° rotation of volumetric module
- adjustable tip ejector fitting most tips
- integrated user calibration system
- CE certified conform to IVD 98/79 EEC
- autoclavable at 121°C/250°F
- three-year warranty

Description	Capacity	Grad.	PK	Cat. No.
	μl	μl		
8-channel	0.5 to 10	0.01	1	9.411 630
8-channel	5 to 50	0.10	1	9.411 631
8-channel	20 to 200	0.20	1	9.411 632
8-channel	40 to 350	0.40	1	9.411 633
12-channel	0.5 to 10	0.01	1	9.411 634
12-channel	5 to 50	0.10	1	9.411 635
12-channel	20 to 200	0.20	1	9.411 636
12-channel	40 to 350	0.40	1	9.411 637



3 Dilution pipette Acura® manual 810

NEW!

Socorex

This air displacement micropipette allows subsequent pipetting of 1 and 0.1 mL of same liquid. The two pre-calibrated fixed volumes eliminate any setting. A universal metal nozzle accommodates straw tips (length 190 or 240 mm, diameter 4 mm), most adequate to aspirate from deep, narrow vials or Stomacher bags. Ideal alternative to conventional graduated glass pipettes when performing serial 1:10 dilutions in bacteriology.

Capacity	Accuracy $\leq \pm A\%$ (max. vol.)	Reproducibility $\leq \pm V\%$ (max. vol.)	PK	Cat. No.
ml				
1 / 0.1	0.5	0.4	1	6.203 235



4 Straw tips for Dilution pipette Acura® manual 810, PP

NEW!

Socorex

Colourless Polypropylene straw tips with a diameter of 4mm are specially designed for easy reach deep into narrow vials and Stomacher bags. Their large diameter allows pick up of particle containing liquids. Qualitips® straw tips can be used directly in microbiological tests. They are supplied sterilized, in sealed bags.

Capacity	Length	PK	Cat. No.
ml	mm		
1.1	190	1000	6.210 059
2.2	240	1000	6.240 366

1 Pipettors, air displacement, variable volume, Calibra® 822

1 Socorex



- seven micropipettes: 0.2 to 100µl
- two macropipettes: 0.2 to 10ml
- instant, volume adjustment
- unsurpassed performance and calibration stability
- shock, heat, chemicals and UV light resistance
- reliable user calibration
- macro models accommodate interchangeable nozzle filters
- CE certified conform to IVD 98/79 EEC
- autoclavable at 121°C/250°F
- three-year warranty

Capacity	Grad.	Accuracy ≤ ± A% (min. vol.)	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (min. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
µl	µl					µl		
0.2 to 2	0,1	6.0*	2.0	5.0*	1.5	10	1	9.411 473
1 to 10	0,05	2.5	1.0	2.0	0.5	10	1	9.411 474
1 to 10	0,05	2.5	1.0	2.5	0.7	200	1	9.411 475
2 to 20	0,1	2.5	1.0	1.7	0.5	200	1	9.411 476
10 to 100	0,5	1.5	0.8	1.0	0.2	200	1	9.411 477
20 to 200	1	1.5	0.6	0.6	0.2	200	1	9.411 478
100 to 1000	5	1.5	0.5	0.5	0.2	1000	1	9.411 479
200 to 2000	10	1.5	0.5	0.5	0.2	2000	1	9.411 480
1000 to 10000	100	1.5	0.5	0.3	0.15	10000	1	9.411 481

*at 0.5µl

2 Acura® electro XS 926, 936, 956, electronic micropipettes

NEW!

2 Socorex



Microprocessor-controlled instrument line featuring intuitive software avoiding any complicated programming steps. No particular skills are required to get quick access to six working modes and many volumes to select from. Unsurpassed metrological performance and stability.

Pipetting modes:

- Forward: aspiration and pipetting of set volume
- Reverse: aspiration in excess, followed by dosing of set volume
- Stepper: tip filling and step-by-step distribution
- Dilution: aspiration of 2 or 3 different volumes for restitution in one shot
- Tactile: "start-stop-start" slow liquid measurement, titration and gel loading
- Mixing: "Up and down" liquid flow

The Acura® electro features

- Optimal ergonomics, light weight
- Easy, intuitive, self-teaching programme
- Large display, reversible right/left reading
- Swift-interchange battery pack
- Fast charge, long working autonomy
- Adjustable tip ejector fitting most tips
- Pipetting cycle counter
- Interchangeable volumetric modules
- Two years warranty

Initial package is recommended when purchasing an Acura® electro for the first time. Each initial package contains one electronic pipette, QC certificate and operating instructions, charging stand, power supply, additional battery pack, Qualitips® pipette tips samples. Thereafter, additional pipettes can be purchased alone and charged on existing stand.



8. Liquid Handling

Pipettes/Microlitre Pipettors

1 2 Micropipettes Acura® electro XS 926



Socorex

Supplied with:
electronic pipette with 4.8V battery, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Initial package supplied with:
electronic pipette with 4.8V battery, additional battery pack, charging stand, power supply, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Description	Capacity	Accuracy ≤ ± A% (min. vol.)	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (min. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
	µl							
Acura® electro XS 926	0,5 - 10	1,2	0,6	1,5	0,35	Ultra 10 µl	1	9.411 661
Acura® electro XS 926	5 - 100	1,0	0,5	0,7	0,2	200 µl	1	9.411 665
Acura® electro XS 926	50 - 1000	0,8	0,4	0,4	0,1	1000 µl	1	9.411 667
Initial package	0,5 - 10	1,2	0,6	1,5	0,35	Ultra 10 µl	1	9.411 669
Acura® electro XS 926								
Initial package	5 - 100	1,0	0,5	0,7	0,2	200 µl	1	9.411 673
Acura® electro XS 926								
Initial package	50 - 1000	0,8	0,4	0,4	0,1	1000 µl	1	9.411 675
Acura® electro XS 926								

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2



3



3 Macropipettes Acura® electro 936



Socorex

Supplied with:
electronic pipette with 4.8V battery, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Initial package supplied with:
electronic pipette with 4.8V battery, additional battery pack, charging stand, power supply, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Description	Capacity	Accuracy ≤ ± A% (min. vol.)	Accuracy ≤ ± A% (max. vol.)	Repro- ducibility ≤ ± V% (min. vol.)	Tip	PK	Cat. No.
	ml						
Acura® electro 936	0.5 to 10	1,0	0,5	0,5	10ml	1	9.411 682
Initial package Acura® electro 936	0.5 to 10	1,0	0,5	0,5	10ml	1	9.411 685

1 | 2 Multichannel pipettes Acura® electro 956

NEW!

- 8- and 12- channel models

Socorex

Supplied with:
electronic pipette with 4.8V battery, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Initial package supplied with:
electronic pipette with 4.8V battery, additional battery pack, charging stand, power supply, operating instructions and QC certificate, Qualitips® pipette tips samples, silicone grease

Type	Description	Capacity	Accuracy ≤ ± A% (min. vol.)	Accuracy ≤ ± A% (max. vol.)	Reproducibility ≤ ± V% (min. vol.)	Reproducibility ≤ ± V% (max. vol.)	Tip	PK	Cat. No.
		µl							
8-Channel	Acura® electro 956	0,5 - 10	3,5	1,0	3,0	0,7	Ultra 10 µl	1	9.411 690
8-Channel	Acura® electro 956	10 - 200	0,9	0,6	0,6	0,25	200 µl	1	9.411 692
12-Channel	Acura® electro 956	10 - 200	0,9	0,6	0,6	0,25	200 µl	1	9.411 696
8-Channel	Initial package Acura® electro 956	0,5 - 10	3,5	1,0	3,0	0,7	Ultra 10 µl	1	9.411 700
8-Channel	Initial package Acura® electro 956	10 - 200	0,9	0,6	0,6	0,25	200 µl	1	9.411 702
12-Channel	Initial package Acura® electro 956	10 - 200	0,9	0,6	0,6	0,25	200 µl	1	9.411 706



3 Pipettors, air displacement, variable macro volume, Calibra® 832, accessories

Socorex



Description	PK	Cat. No.
Protection filter for 2 ml model	250	9.411 482
Glass Pasteur pipette for 2 ml model	250	9.411 483
Protection filter for 10 ml model	100	9.411 484
2 ml natural macrotip	500	9.411 501
10 ml natural macrotip	300	9.411 502
Autoclaving box for 24 x 10 ml macrotips	4	9.411 503

1



1 Pipette stand for Calibra® and Acura® models

Innovative design fits all Calibra® and Acura® models. Easy reach of each instrument. Heavy base plate and anti-slip pads guarantee high stability. Polyamide construction.

Socorex

Description	PK	Cat. No.
Pipette stand 340 for 3 pipettes	1	9.411 505

2



2 Universal pipette stand 337

- Holds up to 7 single-channel pipettes of most brands
- Available in 5 attractive colours
- Space-saving table-mounted models
- Polyacrylamide (PA) material is easy to clean

Socorex

Colour	PK	Cat. No.
light grey	1	9.411 491
pink	1	9.411 504
ice blue	1	9.411 492
mint green	1	9.411 493
vanilla yellow	1	9.411 494

Finnpipette F1 Single Channel



The Thermo Scientific FinnpiPETTE F1 introduces a new level of sophistication to the world of pipetting. The FinnpiPETTE F1 combines all the features that FinnpiPETTES are famous for with state of the art innovations. This is the first time that a pipetting company has used antimicrobial treatment on its pipettes, and, with a 5 year warranty to back it up, you can be sure of reliable, repeatable, and unbeatable pipetting performance.

Thermo Scientific

- Integrated surface protection - helps keep the pipette clean and free from contaminants
- Set and Forget pipetting button - easy and secure locking mechanism to adjust the volume
- Adjustable finger rest - can be adjusted 120° for optimal pipetting and tip ejection position
- Advanced Volume Gearing (AVG) Mechanism - increased accuracy, precision and durability
- Light pipetting forces - improved ergonomics to minimise the risk of RSI
- Patented super blow-out piston in models with volumes of 50µl and below to ensure the delivery of micro-size drops
- Patented soft touch tip ejection mechanism
- 5 year warranty



1 Finnpiquette F1 Fixed Volume Single Channel

NEW!

Thermo Scientific

Capacity µl	Accuracy µl	Accuracy %	Precision SD µl	Precision VK %	For Finntip Tips	PK	Cat. No.
1	±0.04	±4.00	0.04	4.00	Flex 10, 10, 50 Mikro	1	9.282 400
5	±0.07	±1.40	0.07	1.40	Flex 10, 10, 50 Mikro	1	9.282 401
10	±0.09	±0.90	0.80	0.80	Flex 200, 250 Univ., 200 Ext.	1	9.282 402
25	±0.15	±0.60	0.13	0.50	Flex 200, 250 Univ., 200 Ext.	1	9.282 403
50	±0.30	±0.60	0.20	0.40	Flex 200, 250 Univ., 200 Ext.	1	9.282 404
100	±0.40	±0.40	0.30	0.30	Flex 200, 250 Univ., 200 Ext.	1	9.282 405
250	±1.00	±0.40	0.80	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 406
500	±1.50	±0.30	1.50	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 407
1000	±3.00	±0.30	3.00	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 408
2000	±6.00	±0.30	4.00	0.20	5ml	1	9.282 409
3000	±9.00	±0.30	6.00	0.20	5ml	1	9.282 410
5000	±15.00	±0.30	10.00	0.20	5ml	1	6.240 071
10000	±30.00	±0.30	20.00	0.20	10ml	1	9.282 411

SD = Standard deviation, CV = Coefficient of variation



2 Finnpiquette F1 Single Channel with variable volume

NEW!

Thermo Scientific

Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
0.2-2 Microtip	0.002	pink	Flex 10, 10, 50 Mikro	1	9.282 412
0.5-5 Microtip	0.010	pink	Flex 10, 10, 50 Mikro	1	9.282 413
1-10 Microtip	0.020	pink	Flex 10, 10, 50 Mikro	1	6.242 557
1-10	0.020	yellow	Flex 200, 250 Univ.	1	9.282 414
2-20 Microtip	0.020	turquoise	50 Mikro	1	9.282 415
2-20	0.020	yellow	Flex 200, 250 Univ.	1	9.282 416
10-100	0.200	yellow	Flex 200, 250 Univ., 300, 200 Ext.	1	9.282 417
20-200	0.200	yellow	Flex 200, 250 Univ., 300, 200 Ext.	1	6.241 373
30-300	1.000	orange	Flex 300, 300	1	9.282 418
100-1000	1.000	blue	Flex 1000, 1000, 1000 Ext.	1	9.282 419
500-5000	10.000	green	5 ml	1	9.282 420
1000-10000	20.000	red	10 ml	1	9.282 421

Finnpipette F2 Single Channel

Introducing the new Thermo Scientific Finn timer F2, a pipette that has all the right qualities. It has a light pipetting action, it is easy to use, and it is fully autoclavable.

Thermo Scientific

Furthermore, the Finn timer F2 offers outstanding reliability, which we guarantee with a 5 year warranty. Add to this great accuracy and precision, and you know the Finn timer F2 is a winner.

- Advanced Volume Gearing (AVG) mechanism - increased accuracy, precision and durability
- Light pipetting forces - improved ergonomics to minimise the risk of RSI
- Double-action pipetting button - prevents accidental volume alteration during pipetting
- Very large Ergovisio display - very big and clear display
- Both single channel and multichannel pipettes are fully autoclavable
- 5 year warranty

1 Finn timer F2 Single Channel with fixed volume

NEW!

Thermo Scientific

Capacity µl	Accuracy µl	Accuracy %	Precision VK %	Precision SD µl	For Finntip Tips	PK	Cat. No.
1	±0.04	±4.00	0.04	4.00	Flex 10, 10, 50 Mikro	1	9.282 450
5	±0.07	±1.40	0.07	1.40	Flex 10, 10, 50 Mikro	1	9.282 451
10	±0.09	±0.90	0.08	0.80	Flex 200, 250 Univ., 200 Ext.	1	9.282 452
25	±0.15	±0.60	0.13	0.50	Flex 200, 250 Univ., 200 Ext.	1	9.282 453
50	±0.30	±0.60	0.20	0.40	Flex 200, 250 Univ., 200 Ext.	1	9.282 454
100	±0.40	±0.40	0.30	0.30	Flex 200, 250 Univ., 200 Ext.	1	9.282 455
250	±1.00	±0.40	0.80	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 456
500	±1.50	±0.30	1.50	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 457
1000	±3.00	±0.30	3.00	0.30	Flex 1000, 1000, 1000 Ext.	1	9.282 458
2000	±6.00	±0.30	4.00	0.20	5ml	1	9.282 459
3000	±9.00	±0.30	6.00	0.20	5ml	1	9.282 460
5000	±15.00	±0.30	10.00	0.20	5ml	1	9.282 461
10000	±30.00	±0.30	20.00	0.20	10ml	1	9.282 462

SD = Standard deviation, CV = Coefficient of variation



2 Finn timer F2 Single Channel with variable volume

NEW!

Thermo Scientific

Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
0.2-2 microtip	0.002	pink	Flex 10, 10, 50 Mikro	1	6.240 102
0.5-5 microtip	0.010	pink	Flex 10, 10, 50 Mikro	1	6.233 742
1-10 microtip	0.020	pink	Flex 10, 10, 50 Mikro	1	9.282 465
1-10	0.020	yellow	Flex 200, 250 Univ.	1	6.240 360
2-20 microtip	0.020	turquoise	50 Mikro	1	9.282 466
2-20	0.020	yellow	Flex 200, 250 Univ.	1	6.233 743
10-100	0.200	yellow	Flex 200, 250 Univ., 300, 200 Ext.	1	9.282 467
20-200	0.200	yellow	Flex 200, 250 Univ., 300, 200 Ext.	1	6.233 744
100-1000	1.000	blue	Flex 1000, 1000, 1000 Ext.	1	6.233 745
500-5000	10.000	green	5ml	1	6.238 106
1000-10000	20.000	red	10ml	1	6.239 136

SD = Standard deviation, CV = Coefficient of variation

1 Finnpiptette Novus Single Channel with variable volume



1

The Thermo Scientific Finnpiptette Novus, a pipette that combines simplicity, comfort and functionality in an exceptionally intuitive ergonomic design. Built on the results of recent independent ergonomics studies and customer feedback, the new Finnpiptette Novus gives you the power to reach the highest level of pipetting performance.

Thermo Scientific

- Easy to use simple text guided user interface and operator button layout.
- Large display shows all the names of the functions without abbreviations.
- Ergonomic and lightweight design with balanced weight distribution enables longer work periods without fatigue.
- Finger rest is adjustable by 120 degrees to find the optimal pipetting position for both left hand and right hand users.
- Adjustable finger rest leaves your index finger free to control pipetting with minimum effort using the trigger action pipetting button.
- Light-touch tip ejector minimizes strain on your thumb with the very low tip ejection force and can be used with both right and left-hand.
- Novus has 10 different pipetting functions to cover most pipetting applications in the laboratory.
- 9 different speeds which can be separately adjusted for dispensing and aspirating, to optimize pipetting with different reagents.
- 9 built-in memory slots to store your own combination of the 10 different pipetting functions.
- Intuitive menu ensures easy access to pipetting functions for all laboratory pipetting applications.
- Light, long lasting battery allowing over 4000 pipetting actions.
- Fast recharge battery, fully recharged within 1 hour and the pipet is fully operational while recharging.
- Novus designed for easy in-lab calibration and service.
- The tip cone is fully autoclavable.
- Color coded buttons and color coded ring help identify the matching Finntip model.



Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
1-10, microtip	0.010	pink	10	1	6.228 698
1-10	0.010	yellow	250 Univ., 200 Ext.	1	9.282 480
5-50, microtip	0.100	turquoise	50	1	6.228 699
5-50	0.100	yellow	250 Univ., 200 Ext.	1	6.228 700
10-100	0.100	yellow	250 Univ., 200 Ext.	1	6.228 701
30-300	1.000	orange	300	1	6.228 702
100-1000	1.000	blue	1000, 1000 Ext.	1	6.228 703
500-5000	10.000	green	5ml	1	6.228 704
1000-10000	10.000	red	10ml	1	6.228 705

SD = Standard deviation, CV = Coefficient of variation



1

1 Finnpipette F1 Multichannel Pipettes with variable volume
NEW!

Thermo Scientific

Finnpipette F1 multichannel pipettes are available in 8-, 12- and 16-channel models with a wide selection of volume ranges. As with the single channel Finnpipette F1 pipettes, the AVG mechanism ensures a high level of accuracy and precision. The soft-touch tip ejection is especially useful on multichannel models, significantly reducing the effort needed to eject multiple tips. In addition, in the low volume models the super blow-out function ensures accurate dispensing for even the lowest volumes.

Channels	Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
8	1-10	0.020	pink	Flex 10, 10, 50 Mikro	1	9.282 430
8	5-50	0.100	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 431
8	10-100	0.200	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 432
8	30-300	1.000	orange	Flex 300, 300	1	9.282 433
12	1-10	0.020	pink	Flex 10, 10, 50 Mikro	1	9.282 434
12	5-50	0.100	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 435
12	10-100	0.200	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 436
12	30-300	1.000	orange	Flex 300, 300	1	9.282 437
16	1-10	0.020	violet	Flex 10 (384), 50 Mikro	1	9.282 438
16	5-50	0.100	turquoise	50 Mikro	1	9.282 439

2

2 Finnpipette F2 Multichannel Pipettes with variable volume
NEW!

Thermo Scientific

The Finnpipette F2 multichannel pipettes are available in 8-, 12- and 16-channel models with a selection of volume ranges. As with the single channel Finnpipette F2 pipettes, the AVG mechanism ensures a high level of accuracy and precision. In addition, in the low volume models the super blow-out function ensures accurate dispensing for even the lowest volumes.

Channels	Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
8	1-10	0.020	pink	Flex 10, 10, 50 Mikro	1	9.282 470
8	5-50	0.100	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 471
8	10-100	0.200	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 472
8	30-300	1.000	orange	Flex 300, 300	1	9.282 473
12	1-10	0.020	pink	Flex 10, 10, 50 Mikro	1	9.282 474
12	5-50	0.100	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 475
12	10-100	0.200	yellow	Flex 200, 250 Univ., 200 Ext.	1	9.282 476
12	30-300	1.000	orange	Flex 300, 300	1	9.282 477
16	1-10	0.020	violet	Flex 10 (384), 50 Mikro	1	9.282 478
16	5-50	0.100	turquoise	50 Mikro	1	9.282 479

3

3 Pipette Stand, F-Stand
NEW!

Thermo Scientific

Description	PK	Cat. No.
With 6 slots	1	9.282 440

1 Multichannel Pipette Stand



Multichannel Pipette Stand, 1 position.

Thermo Scientific

Description	PK	Cat. No.
Multichannel Pipette Stand	1	9.282 441

1



2 Finnpiquette Novus Multichannel with variable volume



The Thermo Scientific Finnpiquette Novus, a pipet that combines simplicity, comfort and functionality in an exceptionally intuitive ergonomic design. Built on the results of recent independent ergonomics studies and customer feedback, the new Finnpiquette Novus gives you the power to reach the highest level of pipetting performance.

Thermo Scientific

- Easy to use simple text guided user interface and operator button layout.
- Large display shows all the names of the functions without abbreviations.
- Ergonomic and lightweight design with balanced weight distribution enables longer work periods without fatigue.
- Finger rest is adjustable by 120 degrees to find the optimal pipetting position for both left hand and right hand users.
- Adjustable finger rest leaves your index finger free to control pipetting with minimum effort using the trigger action pipetting button.
- Light-touch tip ejector minimizes strain on your thumb with the very low tip ejection force and can be used with both right and left-hand.
- Novus has 10 different pipetting functions to cover most pipetting applications in the laboratory.
- 9 different speeds which can be separately adjusted for dispensing and aspirating, to optimize pipetting with different reagents.
- 9 built-in memory slots to store your own combinations of the 10 different pipetting functions.
- Intuitive menu ensures easy access to pipetting functions for all laboratory pipetting applications.
- Light, long lasting battery allowing over 4000 pipetting actions.
- Fast recharge battery, can be fully recharged within 1 hour and the pipet is fully operational while recharging.
- Novus designed for easy in-lab calibration and service.
- The module is fully autoclavable.
- Color coded buttons to help identify the matching Finntip model.
- Wide range of multichannel models for demanding laboratory tasks.
- Lightweight handle and module has a balanced weight distribution preventing muscle stress and strain.

2



Channels	Capacity µl	Step size µl	Colour	For Finntip Tips	PK	Cat. No.
8	1-10	0.100	pink	10, 20, 50	1	6.228 706
8	5-50	0.100	yellow	250	1	6.228 707
8	30-300	1.000	orange	300	1	6.228 708
8	100-1200	1.000	turquoise	1200	1	6.228 709
12	1-10	0.100	pink	10, 20, 50	1	9.282 481
12	5-50	0.100	yellow	250	1	9.282 482
12	30-300	1.000	orange	300	1	9.282 483
16	5-50	0.500	turquoise	50	1	9.282 484

3 Pipette Stand Novus



Novus mechanical stand is designed to fit both single channel and multichannel Novus pipettes.

Thermo Scientific

Type	PK	Cat. No.
Novus	1	6.228 761

3



Eppendorf Research® plus Pipettors

The ultra light Eppendorf Research plus pipettor meets the highest requirements in precision and accuracy - combined with ultimate ergonomics and increased flexibility.

Eppendorf AG

A spring loaded tip cone, a secondary calibration option, an improved volume display - and all this within a fully autoclavable pipette.

Ergonomics:

- ultra light
- pipetting forces greatly reduced
- the spring-loaded tip cone

Flexibility:

- calibrate your Research plus to your needs,
- autoclave the entire pipettor, or only the lower housing
- choose among single channel, multichannel and fixed volume pipettors in different sizes.

Robustness:

- durability has been tested thoroughly and meets the highest quality requirements
- resistance to chemical, thermal and mechanical stress is now unchallenged

- volume adjustment: Only a few turns needed to reach your desired volume

- control button: Requires minimal operating force, colour indicates volume, ergonomically positioned for comfort

- ejector: requires minimal operating force, ergonomically positioned for comfort

- volume display: 4 digits, magnifying window

- calibration display & adjustment opening: Calibrate your pipettor to a specific liquid and volume.

1



1 Single-channel pipette Eppendorf Research® plus, fixed volume

- Eppendorf PerfectPiston™: ultra-light piston made of Fortron® (except 2.5µl, 10µl, 5ml and 10ml pipettors)
- quick connection clip: remove lower housing easily (except 5ml and 10ml pipettors)
- spring loaded tip cone: improved ergonomics, tight fit to the tip (except 5ml and 10ml pipettors)

Eppendorf AG

Capacity	Control button	PK	Cat. No.
µl	colour		
10	mid grey	1	9.283 210
10	yellow	1	9.283 211
20	light grey	1	9.283 212
20	yellow	1	9.283 213
25	yellow	1	9.283 214
50	yellow	1	9.283 215
100	yellow	1	9.283 216
200	yellow	1	9.283 217
200	blue	1	9.283 218
250	blue	1	9.283 219
500	blue	1	9.283 220
1000	blue	1	9.283 221

2



2 Single-channel pipette Eppendorf Research® plus, variable volume

- Eppendorf PerfectPiston™: Ultra light piston made of Fortron® (except 2.5µl, 10µl, 5ml and 10ml pipettors)
- quick connection clip: easily removable lower part (not in 5ml and 10ml pipettes)
- spring loaded tip cone: Improved ergonomics, tight fit to the tip (except 5ml and 10ml pipettors)

Eppendorf AG

Volume	Control button	PK	Cat. No.
litres	colour		
0.1 - 2.5 µm	dark grey	1	9.283 200
0.5 - 10 µm	mid grey	1	9.283 201
2 - 20 µm	yellow	1	9.283 202
2 - 20 µm	light grey	1	9.283 208
10 - 100 µm	yellow	1	9.283 203
20 - 200 µm	yellow	1	9.283 204
30 - 300 µm	orange	1	9.283 209
100 - 1000 µm	blue	1	9.283 205
0.5 - 5 µm	purple	1	9.283 206
1 - 10 µm	turquoise	1	9.283 207

1 Pipettors, air displacement, fixed volume, Reference® Fix

- TÜV award for user friendliness and user tested
- chemical- and corrosion-resistant, free-running piston
- robust material, which is UV-resistant and fully autoclavable without impairing accuracy or precision
- one button operation
- conformity certified
- Includes service kit with tips
- 3 year guarantee

Grey control button: for 20µl, or GELoader tips
 Yellow control button: for 200µl tips
 Blue control button: for 1000µl tips
 Red control button: for 2500µl tips

Capacity µl	Control button colour	PK	Cat. No.
1	grey	1	9.283 280
2	grey	1	9.283 281
5	grey	1	9.283 282
10	grey	1	9.283 283
10	yellow	1	9.283 279
20	yellow	1	9.283 284
25	yellow	1	9.283 285
50	yellow	1	9.283 286
100	yellow	1	9.283 287
200	blue	1	9.283 288
250	blue	1	9.283 289
500	blue	1	9.283 290
1000	blue	1	9.283 291
1500	red	1	9.283 292
2000	red	1	9.283 293
2500	red	1	9.283 294



1

2 Single-channel pipette Eppendorf Reference® adjustable

- Fully autoclavable
- One button operation for aspiration, dispensing and tip ejection
- Volume is automatically locked (this is only appropriate for the adjustable volume units)
- TÜV award for user friendly and user tested
- Chemically resistant
- One handed operation
- 3 year warranty

Eppendorf AG

Capacity µl	Control button colour	PK	Cat. No.
0,1 to 2,5	anthracite	1	9.283 295
0,5 to 10	grey	1	9.283 296
2 to 20	grey	1	9.283 297
2 to 20	yellow	1	9.283 303
10 to 100	yellow	1	9.283 298
50 to 200	yellow	1	9.283 299
100 to 1000	blue	1	9.283 300
500 to 2500	red	1	9.283 301



2

3 Variable pipettors, epReference³ Pack

Option 1:

- 3 x Eppendorf Reference® PhysioCareConcept pipettors (0.5 to 10µl, 10 to 100µl, 100 to 1000µl)
- 3 x epTIPS (max. capacity 20µl, 200µl, and 1000µl) in refillable boxes of 96
- 3 pipette wall-holders

Option 2:

- 3 x Eppendorf Reference® PhysioCareConcept pipettors (2 to 20µl, 20 to 200µl, 100 to 1000µl)
- 3 x epTIPS (max. capacity 200µl and 1000µl) in refillable boxes of 96
- 3 pipette wall-holders

Eppendorf AG

Type	PK	Cat. No.
epReference ³ Pack, Option 1	1	9.283 304
epReference ³ Pack, Option 2	1	9.283 305



3

1

1 2 Single-channel pipette Eppendorf Xplorer®

NEW!

Eppendorf AG

The new electronic pipette Eppendorf Xplorer® sets new standards in terms of simplicity, precision and reproducibility.

- Multifunctional rocker: „Up is up and down is down“™ principle
- Easy selection of all functions with the practical selection dial
- Operate in the language of your choice
- Clearly arranged color display
- No sub-menus
- Help function
- Innovative rocker: When the tip is ejected, the piston automatically returns to zero position
- Tips always rest in the same position
- Volume & speed precisely and reproducibly adjustable
- Adjustable to your work environment and requirements

2


Type	Capacity	Control button	PK	Cat. No.
	µl	colour		
Single-channel	0.5 to 10	medium grey	1	9.283 240
Single-channel	5 to 100	yellow	1	9.283 241
Single-channel	15 to 300	orange	1	9.283 242
Single-channel	50 to 1000	blue	1	9.283 243
Single-channel	250 to 5000	purple	1	9.283 244
Single-channel	500 to 10000	turquoise	1	9.283 245
Charging stand			1	9.283 254

3

3 Multichannel pipette Eppendorf Xplorer®

NEW!

Eppendorf AG

Type	Capacity	Control button	PK	Cat. No.
	µl	colour		
8-channel	0,5 to 10	medium grey	1	9.283 246
8-channel	5 to 100	yellow	1	9.283 248
8-channel	15 to 300	orange	1	9.283 250
8-channel	50 to 1200	green	1	9.283 252
12-channel	0,5 to 10	medium grey	1	9.283 247
12-channel	5 to 100	yellow	1	9.283 249
12-channel	15 to 300	orange	1	9.283 251
Charging stand			1	9.283 254

4

4 Single-channel pipette Eppendorf Research® plus 3-Packs

NEW!

Eppendorf AG

3 adjustable Eppendorf Research® plus pipettes per pack, choice of 3 packs. Special "mL" large-volume pack with up to 10ml nominal volume, ideal for pipetting cell culture media. Ready-to-use: delivered with matching Eppendorf pipette tips for ultimate user comfort and precision!

Option 1: 0.5-10µl, 10-100µl, 100-1.000µl + 3 reusable epT.I.P.S.® boxes with 96 pipette tips each.

Option 2: 2-20µl, 20-200µl, 100-1.000µl + 3 reusable epT.I.P.S.® boxes with 96 pipette tips each.

Option 3: 100-1.000µl, 0.5-5µl, 1-10µl with samples of matching pipette tips.

Type	PK	Cat. No.
Research plus 3-Packs, Option 1	1	9.283 228
Research plus 3-Packs, Option 2	1	9.283 229
Research plus 3-Packs, Option 3	1	9.283 230

5

5 Multichannel pipettors Eppendorf Research® plus

Eppendorf AG

- channel indicator: - use the pipette the same way round - all the time
- remove individual channels: gain flexibility for individual needs
- Eppendorf PerfectPiston™: ultra-light piston made of Fortron® (except 10µl pipettors)
- quick connection clip: Easily removable lower housing
- spring loaded tip cone: improved ergonomics, tight fit to the tip

Capacity	Type	Control button	PK	Cat. No.
		colour		
0,5 - 10	8-channel	mid grey	1	9.283 222
0,5 - 10	12-channel	mid grey	1	9.283 223
10 - 100	8-channel	yellow	1	9.283 224
10 - 100	12-channel	yellow	1	9.283 225
30 - 300	8-channel	orange	1	9.283 226
30 - 300	12-channel	orange	1	9.283 227

1 Pipettor rack, carousel

- Space saving pipettor rack to hold up to six pipettors
- Carousel pipette stand
- Can accommodate a wide range of pipettors using accessory pipettor adapters

Eppendorf AG

Type	PK	Cat. No.
Carousel stand for 6 pipettors	1	9.283 581
Pipette holder for attachment to the wall	1	9.283 580
Multipipette adapter for pipette carousel	1	9.283 656
Multipipette adapter for wall mounting	1	9.283 657



LLG-Pipette tips for digital Microlitre pipettors

Certified free of DNase, RNase, suitable for microbiology. Guaranteed metal-free. CE-certified for In-Vitro-Diagnostics acc. to 98/79/EG. Sterility acc. EN 552/ISO 11137 and DIN EN 556.

LLG universal fit tips are engineered for a wide variety of pipettors and are ideal for laboratories with multiple brands of pipettors, even multi-channel pipettors. Our universal tips feature the universal grip design, using flexible materials with a series of bands and supports producing a positive seal. LLG tips have thin walls and a small surface area at the tip, greatly minimising the possibility of the tip retaining sample droplets. In addition the small surface area reduces the touch-off angle between the outer tip wall and the receiving sample tube. This reduced touch-off angle virtually eliminates the potential of capillary retention between the tip orifice and tube wall. Each of our tips is molded to give a flash-free and uniform delivery orifice for consistent accuracy and reproducible sample delivery. All our tips are provided with calibration lines at specific volumes, acting as visual checks to minimise any risk of errors during sample aspiration.

2 LLG-Pipette tips "economy" for digital microlitre pipettors

Certified free of DNase, RNase, suitable for microbiology. Guaranteed metal-free. CE-certified for In-Vitro-Diagnostics acc. to 98/79/EG. Sterility acc. EN 552/ISO 11137 and DIN EN 556.

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Capacity µl	Colour	Type	PK	Cat. No.
0.1 to 10	clear	1 bag of 1000	1000	9.409 099
0.1 to 10	clear	10 racks of 96	960	9.409 045
1 to 200	yellow	1 bag of 1000	1000	9.409 046
1 to 200	yellow	10 racks of 96	960	9.409 047
100 to 1000	blue	1 bag of 1000	1000	9.409 048
100 to 1000	blue	10 racks of 96	960	9.409 049
100 to 5000	clear	1 bag of 250	250	9.409 097
1000 to 10000	clear	1 bag of 1000	100	9.409 098



1 LLG-Low-Retention Pipette tips for digital Microlitre pipettors

Certified free of DNase, RNase, suitable for microbiology. Guaranteed metal-free. CE-certified for In-Vitro-Diagnostics acc. to 98/79/EG. Sterility acc. EN 552/ISO 11137 and DIN EN 556.

Sample retention can be a mayor contributor to pipetting inaccuracy, and silicization of tips has proved unsatisfactory because of autoclaving and contamination problems. For LLG quality tips a new polymer, Novelle-Polypropylenehas been developed, that produces a "super slick surface" on our new ULR-tips, that actually improves with autoclaving and cannot leach from the tip surface. On average, Novelle Polymer and LLG ULR-tips reduces the tip retention by near 85 % and decreases the standard deviation of the retained volume by more than 75 %. Also liquid handling accuracy and precision are crucial to success in todays molecular biology laboratories, especially for DNA analysis and protein handling. A significant culprit of pipette inaccuracy is binding of sample. The LLG ULR-tips reduces the binding, thus increasing sample delivery accuracy. Tests demonstrates that LLG ULR-Tips significantly reduces the amount of DNA and protein bound by the tip. Furthermore LLG ULR-Tips offer a marked improvement over the best low retention technologies.

Capacity µl	Colour	Type	PK	Cat. No.
0.1 to 10	Clear	1 bag of 1000	1000	9.409 038
0.1 to 10	Clear	10 racks of 96	960	9.409 039
1 to 200	Clear	1 bag of 1000	1000	9.409 041
1 to 200	Clear	10 racks of 96	960	9.409 042
100 to 1000	Clear	1 bag of 1000	1000	9.409 043
100 to 1000	Clear	10 racks of 96	960	9.409 044

2 LLG-Low retention filter tips for digital Microlitre pipettors

Certified free of DNase, RNase, suitable for microbiology. Guaranteed metal-free. CE-certified for In-Vitro-Diagnostics acc. to 98/79/EG. Sterility acc. EN 552/ISO 11137 and DIN EN 556.

Sterile. Filter pore size (effective) 4 to 6µm.

Also liquid handling accuracy and precision are crucial to success in todays molecular biology laboratories, especially for DNA analysis and protein handling. A significant culprit of pipette inaccuracy is binding of sample. The LLG ULR-tips reduces the binding, thus increasing sample delivery accuracy. Tests demonstrates that LLG ULR-Tips significantly reduces the amount of DNA and protein bound by the tip. Furthermore LLG ULR-Filter Tips offer a marked improvement over the best low retention technologies.

Capacity µl	Colour	Type	PK	Cat. No.
0.1 to 100	Clear	10 racks of 96	960	9.409 033
1 to 20	Clear	10 racks of 96	960	9.409 034
1 to 100	Clear	10 racks of 96	960	9.409 035
1 to 200	Clear	10 racks of 96	960	9.409 036
100 to 1000	Clear	10 racks of 96	960	9.409 037



1 Pipette tips, bulk packed

Precise design and manufacture ensures highest quality tips.

- Moulded with high quality polypropylene
- Firm fit on pipettor cones
- Optimum handling due to straight shape
- Special ionization process guarantees dust free tip production
- Excellent transparency due to optimum surface quality
- Minimum fluid retention due to controlled raw material quality
- Excellent volumetric accuracy due to precisely moulded tip orifices
- Most practical tip volumes
- Non-sterile
- Autoclavable

Ratiolab

Type A fits pipettors ratiolab® Masterpette G, Biohit® Proline, Biohit® m-Line, Brand® Transferpette®, CappAero, Eppendorf® Research®, Eppendorf® Reference®, FinnpiPETTE® Digital, FinnpiPETTE® Focus, Gilson® Pipetman®, Gilson® Ultra, Labmate®, Socorex® Acura and Socorex® Calibra

Type B fits pipettors ratiolab® Masterpette G, Gilson® Pipetman®, Gilson® Ultra, Labmate®, Socorex® Acura und Socorex® Calibra

Type C fits pipettors ratiolab® Masterpette G, Gilson® Pipetman®, Gilson® Ultra, Labmate®



9.409 145



9.409 146



9.409 147



9.409 148



9.409 149

Capacity µl	Colour	Type	Fits	PK	Cat. No.
0.1 to 10	Crystal	1 bag of 1000	Type C	1000	9.409 130
0.5 to 20	Crystal	1 bag of 1000	Type A	1000	9.409 129
1 to 200	Yellow	1 bag of 1000	Type A	1000	9.409 138
1 to 250	Yellow	1 bag of 1000	Type B	1000	9.409 128
200 to 1000	Blue	1 bag of 1000	Type A	1000	9.409 139

Pipette tips with Aerosol Barrier Filter

Pipette tips with special filters, to effectively prevent the the pipettor shaft from contamination with aerosols and liquids to be drawn into the pipettor.

- certified RNase- and DNase-free
- pipette tips and aerosol filters made of ultra-hydrophobic PE-HD
- minimized retention due to special surface treatment
- sterile
- perfect and close fit on all major pipettor brands
- aroject® 10µl xl has extended length for operation with narrow vessels and reduced risk of cross-contamination
- packed in plastic racks with hinge lids

Ratiolab

Fits pipettors: ratiolab® Masterpette G, Biohit® Proline, Biohit® m-Line, Brand® Transferpette®, CappAero, Eppendorf® Research®, Eppendorf® Reference®, FinnpiPETTE® Digital, FinnpiPETTE® Focus, Gilson® Pipetman®, Gilson® Ultra, Labmate® and Socorex® Calibra

Capacity µl	Type	PK	Cat. No.
0.1 to 10	10 racks of 96	960	9.409 145 2
1 to 20	10 racks of 96	960	9.409 146 3
1 to 100	10 racks of 96	960	9.409 147 4
1 to 200	10 racks of 96	960	9.409 148 5
100 to 1000	10 racks of 96	960	9.409 149 6





1 Pipette tips

To fit Finnpiettes and Labpipettes.
Conformity-certified.
1000 to 5000 µl.

Type	PK	Cat. No.
Pipette tips	75	9.409 140



2 Pipette tips and filter tips, racked

Plastibrand® pipette and filter tips are manufactured and racked with minimum human contact, under cleanroom conditions. This is how we ensure uniformly high tip quality.

BRAND

Special features:

- High-quality PP (free from DiHEMA and oleamide)
- Weight reduction of the 200µl and 1000µl tips to reduce the weight of plastic waste
- Graduations for a quick volume check
- Autoclavable at 121°C/250°F (2 bar), acc. DIN EN 285
- manufactured without lubricants
- Cadmium-free pigments
- environmentally friendly packaging systems
- CE-marked according to IVD-Directive 98/79 EC.
- Plastibrand® pipette tips are tested for use with Brand and the majority of models from Gilson®, ThermoFisher Scientific Finnpiette®, Eppendorf® and Biohit. The 5ml tip is tested for Brand and ThermoFisher Scientific Finnpiette® only. The 10ml tip is suitable for Brand, Eppendorf® and Gilson®.

Bio-Cert® pipette- and filter tips

These pipette tips are produced under state-of-the-art cleanroom conditions and automatically racked without human contact. Sterilization is carried out using β radiation and complies with ISO 11137 and the AAMI guidelines. A SAL of 10⁻⁶ is obtained. The sterility corresponds to the requirements of the Ph. Eur. And USP 29. Endotoxin concentration is below 0.01 E.U./ml. Bio-Cert® products are free from DNA, RNase and ATP. Quality control is conducted at an independent, accredited test laboratory. A batch-related certificate will be provided.

Low retention pipette- and filter tips

The new ultra-hydrophobic, Low Retention pipette and filter tips from BRAND. A patented surface treatment is used to make the polypropylene of the pipette tips extremely liquid repellent - costly sample loss during pipetting is reduced to a minimum.

- The ultra-hydrophobic surface of the new tips is over 3 times more liquid repellent than untreated polypropylene.
- Ideal for biological samples that contain detergents such as Triton® X-100, SDS, Tween etc.
- No coatings that might lead to sample contamination.
- No additives that can be leached out! No siliconization of the surface.
- No defect sites, so no nonspecific binding
- Ideal for working with solvents
- The high transparency of the tips remains unchanged by the treatment.
- Autoclavable at 121°C (20 min) without damaging the material properties.

Filter tips

Filter tips are especially suited for working with PCR techniques, and fully meet the requirements for microbiology and radioisotope work. The integrated hydrophobic polyethylene filter (free from chemical additives) serves as a barrier against aerosols formed during pipetting. Filter tips protect the pipette shafts from contamination, and thus lessen the risk of cross-contamination and faulty measuring results. Plastibrand® filter tips are produced from colourless granules under the most stringent clean room conditions and are automatically racked.

1 Pipette tips in bulk, in bags, non-sterile

Plastibrand®. PP. Non-sterile. These pipette tips are produced under the latest, state-of-the-art, cleanroom conditions and automatically shrink-wrapped into bags, then packed in cardboard boxes, without contact with humans.

BRAND



Capacity	Colour	Bags	PK	Cat. No.
µl		per pack		
0.1 to 20	natural	2 (of 1000)	2000	9.409 200
0.5 to 20	natural	2 (of 1000)	2000	9.409 208
0.5 to 20	natural	10 (of 1000)	10000	9.409 209
2 to 200	yellow	1 (of 1000)	1000	9.409 206
2 to 200	yellow	10 (of 1000)	10000	9.409 195
5 to 300	natural	10 (of 1000)	10000	9.409 197
5 to 300	natural	1 (of 1000)	1000	9.409 196
50 to 1000	blue	2 (of 500)	1000	9.409 207
50 to 1000	blue	10 (of 500)	5000	9.409 198
50 to 1250	natural	2 (of 500)	1000	9.409 193
50 to 1250	natural	8 (of 500)	4000	9.409 194
0.5 to 5 ml	natural	1 (of 200)	200	9.409 223
0.5 to 5 ml	natural	5 (of 200)	1000	9.409 199
1 to 10 ml	natural	2 (of 100)	200	9.409 191
1 to 10 ml	natural	10 (of 100)	1000	9.409 192

2 Pipette tips racked, non-sterile

Plastibrand®. PP. Refill units for Tip-Box N, Tip-Box SL or Tip-Box PC. Two filled tip-trays (racks) are packed into a space-saving carton.

BRAND



Capacity	Type	PK	Cat. No.
µl			
0.1 to 20	10 racks of 96	960	9.409 230
0.5 to 20	10 racks of 96	960	9.409 222
2 to 200	10 racks of 96	960	9.409 215
5 to 300	10 racks of 96	960	9.409 231
50 to 1000	16 racks of 60	960	9.409 218
50 to 1000*	10 racks of 100	1000	9.409 226
50 to 1250*	10 racks of 100	1000	9.409 227

* not suitable for Tip-Box SL

3 Filter tips racked, non-sterile

NEW!

Plastibrand®. PP. Refill units for Tip-Box N, Tip-Box SL or Tip-Box PC. Two filled tip-trays (racks) are packed into a space-saving carton.

BRAND



Capacity	Type	PK	Cat. No.
µl			
0.1 to 1	10 racks of 96	960	9.409 589
0.5 to 10	10 racks of 96	960	9.409 607
2 to 20	10 racks of 96	960	9.409 608
5 to 100	10 racks of 96	960	9.409 609
5 to 200	10 racks of 96	960	9.409 610
50 to 1000*	10 racks of 100	1000	9.409 611

* not suitable for Tip-Box SL

4 Pipette tips, Tip-Set, non-sterile

Plastibrand®. PP. For an easy entrance: Combination of 4 loaded tip-trays (2 Tip-Racks) and 1 filled Tip-Box PC (for 1000 µl and 1250 µl 1 filled Tip-Box N).

BRAND



Capacity	Type	PK	Cat. No.
µl			
0.1 to 20	4 racks of 96 + 1 box of 96	480	9.409 220
0.5 to 20	4 racks of 96 + 1 box of 96	480	9.409 221
2 to 200	4 racks of 96 + 1 box of 96	480	9.409 214
5 to 300	4 racks of 96 + 1 box of 96	480	9.409 224
50 to 1000	4 racks of 100 + 1 box of 100	500	9.409 225
50 to 1250	4 racks of 100 + 1 box of 100	500	9.409 219



1 Pipette tips, Tip-Box N, non-sterile

NEW!

BRAND

Plastibrand®. PP-box with push-on lid. Available in 2 different heights: low form for 96 tips up to 300 µl, high form for 100 tips of 1000 µl or 1250 µl. Stackable and repeatedly autoclavable (121°C, 2 bar) according to DIN EN 285. Refillable with Tip-Rack (non-sterile) or Tip-Rack S (sterile).

The new ultra-hydrophobic, Low Retention pipette and filter tips from BRAND. A patented surface treatment is used to make the polypropylene of the pipette tips extremely liquid repellent - costly sample loss during pipetting is reduced to a minimum.

- The ultra-hydrophobic surface of the new tips is over 3 times more liquid repellent than untreated polypropylene.
- Ideal for biological samples that contain detergents such as Triton® X-100, SDS, Tween etc.
- No coatings that might lead to sample contamination.
- No additives that can be leached out! No siliconization of the surface!
- No defect sites, so no nonspecific binding
- Ideal for working with solvents
- The high transparency of the tips remains unchanged by the treatment.
- Autoclavable at 121°C (20 min) without damaging the material properties.

Capacity µl	Type	Description	PK	Cat. No.
0.1 to 20	5 boxes of 96	standard	480	9.408 900
0.1 to 20	5 boxes of 96	low retention	480	4.007 860
0.5 to 20	5 boxes of 96	standard	480	9.408 901
0.5 to 20	5 boxes of 96	low retention	480	4.007 861
2 to 200	5 boxes of 96	standard	480	9.408 902
2 to 200	5 boxes of 96	low retention	480	4.007 862
5 to 300	5 boxes of 96	standard	480	9.408 903
5 to 300	5 boxes of 96	low retention	480	4.007 863
50 to 1000	5 boxes of 100	standard	500	9.408 907
50 to 1000	5 boxes of 100	low retention	500	4.007 864
50 to 1250	5 boxes of 100	standard	500	9.408 908
50 to 1250	5 boxes of 100	low retention	500	4.007 865



2 Tip-Box SL, non-sterile

BRAND

Plastibrand®. Made of PC. Innovative box with slide & swing lid. For convenient work with single channel and multichannel pipettes. Keeps unused tips covered. Not stackable. Autoclavable at 121°C (2 bar), acc. DIN EN 285.

Capacity µl	Type	PK	Cat. No.
0.1 to 20	1 box of 96 tips	96	9.280 120
0.5 to 20	1 box of 96 tips	96	9.280 121
2 to 200	1 box of 96 tips	96	9.280 122
5 to 300	1 box of 96 tips	96	9.280 123
50 to 1000	1 box of 60 tips	60	9.280 124
	1 box, empty	1	9.280 125



3 Tip-Box 5 ml or 10 ml, filled, non-sterile

BRAND

PP. Specifically developed for Plastibrand® 5ml or 10 ml tips. Autoclavable (121°C, 2 bar) according to DIN EN 285. The lid must be loosened during autoclaving.

Capacity µl	Container	PK	Cat. No.
500 to 5000	Box of 28	28	9.408 905
1000 to 10000	Box of 18	18	9.408 909



4 Pipette tips Tip-Stack™, non-sterile

NEW!

BRAND

PP. Plastibrand®. Space-saving, environmentally-friendly refill system, consisting of 10 stacked, yellow tip carriers with 96 or 100 tips on each. For refilling the Tip-Box SL, Tip-Box PC and Tip-Box N.

Capacity µl	Container	Description	PK	Cat. No.
0.5 to 20	10 racks of 96	standard	960	6.241 580
0.5 to 20	10 racks of 96	low retention	960	4.007 866
2 to 200	10 racks of 96	standard	960	9.408 906
2 to 200	10 racks of 96	low retention	960	4.007 867
50 to 1000	2 x 5 racks of 100	standard	1000	4.007 893
50 to 1000	2 x 5 racks of 100	low retention	1000	4.007 868

1 Pipette tips, Tip-Rack S sterile Bio-Cert®

PP. Plastibrand®. 1 loaded BIO-CERT® refill unit for the autoclaved Tip-Box N, Tip-Box SL or Tip-Box PC. Protected in an environmentally compatible packaging of recyclable PET.

BRAND

Capacity µl	Type	PK	Cat. No.
0.1 to 20	10 racks of 96	960	9.408 920
0.5 to 20	10 racks of 96	960	9.408 921
2 to 200	10 racks of 96	960	9.408 922
5 to 300	10 racks of 96	960	9.408 923



2 Filter tips racked Tip-Rack S Bio-Cert®

NEW!

PP. Plastibrand®.

BRAND

1 loaded BIO-CERT® refill unit for the autoclaved Tip-Box N, Tip-Box SL or Tip-Box PC. Protected in an environmentally compatible packaging of recyclable PET.

Capacity µl	Type	Description	PK	Cat. No.
0.1 to 1	10 racks of 96	Standard	960	9.409 638
0.1 to 1	10 racks of 96	Low Retention	960	4.007 875
0.5 to 10	10 racks of 96	Standard	960	9.409 615
0.5 to 10	10 racks of 96	Low Retention	960	4.007 876
2 to 20	10 racks of 96	Standard	960	9.409 616
2 to 20	10 racks of 96	Low Retention	960	4.007 877
5 to 100	10 racks of 96	Standard	960	9.409 602
5 to 100	10 racks of 96	Low Retention	960	4.007 878
5 to 200	10 racks of 96	Standard	960	9.409 618
5 to 200	10 racks of 96	Low Retention	960	4.007 879



3 Pipette tips racked Tip-Set S Bio-Cert®

PP. Plastibrand®.

BRAND

For an easy entrance: Combination of 4 sterile, loaded tip-trays and 1 sterile, filled Tip-Box N.

Capacity µl	Type	PK	Cat. No.
0.1 to 20	4 racks of 96 + 1 Box of 96	480	9.408 910
0.5 to 20	4 racks of 96 + 1 Box of 96	480	9.408 911
2 to 200	4 racks of 96 + 1 Box of 96	480	9.408 912
5 to 300	4 racks of 96 + 1 Box of 96	480	9.408 913



4 Filter tips racked Tip-Set S Bio-Cert®

PP. Plastibrand®. For an easy entrance: Combination of 4 sterile, loaded tip-trays and 1 sterile, filled Tip-Box N.

BRAND

Capacity µl	Type	PK	Cat. No.
0.1 to 1	4 racks of 96 + 1 Box of 96	480	9.409 619
0.5 to 10	4 racks of 96 + 1 Box of 96	480	9.409 612
2 to 20	4 racks of 96 + 1 Box of 96	480	9.409 613
5 to 100	4 racks of 96 + 1 Box of 96	480	9.409 601
5 to 200	4 racks of 96 + 1 Box of 96	480	9.409 614



5 Pipette Tip-Box N Bio-Cert®, sterile

NEW!

Polypropylene box with push-on lid. Available in 2 different heights. Low form for 96 tips up to 300 µl, high form for 100 tips of 1000/1250 µl. Stackable and repeatedly autoclavable at 121°C/250°F (2 bar), according to DIN EN 285. Boxes individually packed in bags with perforation.

BRAND

Capacity µl	Type	Description	PK	Cat. No.
0,1 - 20	10 boxes of 96	Standard	960	9.408 930
0,1 - 20	10 boxes of 96	Low Retention	960	4.007 869
0,5 - 20	10 boxes of 96	Standard	960	9.408 931
0,5 - 20	10 bixe of 96	Low Retention	960	4.007 870
2 - 200	10 boxes of 96	Standard	960	9.408 932
2 - 200	10 boxes of 96	Low Retention	960	4.007 871
5 - 300	10 boxes of 96	Standard	960	9.408 933
5 - 300	10 boxes of 96	Low Retention	960	4.007 872
50 - 1000	10 boxes of 100	Standard	1000	9.408 934
50 - 1000	10 boxes of 100	Low Retention	1000	4.007 873
50 - 1250	10 boxes of 100	Standard	1000	9.408 935
50 - 1250	10 boxes of 100	Low Retention	1000	4.007 874





1 Filter tip boxes, sterile, Bio-Cert®

NEW!

PP. Plastibrand®. Box with push-on lid. Available in 2 different heights: low form for 96 tips up to 300 µl, high form for 100 tips of 1000 µl or 1250 µl. Stackable and repeatedly autoclavable (2 bar), according to DIN EN 285. Refillable with Tip-Rack (non-sterile) or Tip-Rack S (sterile). Boxes individually packed in bag with perforation.

BRAND

Capacity µl	Type	Description	PK	Cat. No.
0.1 to 1	10 boxes of 96	Standard	960	9.409 639
0.1 to 1	10 boxes of 96	Low Retention	960	4.007 880
0.5 to 10	10 boxes of 96	Standard	960	9.409 640
0.5 to 10	10 boxes of 96	Low Retention	960	4.007 881
2 to 20	10 boxes of 96	Standard	960	9.409 641
2 to 20	10 boxes of 96	Low Retention	960	4.007 882
5 to 100	10 boxes of 96	Standard	960	9.409 642
5 to 100	10 boxes of 96	Low Retention	960	4.007 883
5 to 200	10 boxes of 96	Standard	960	9.409 643
5 to 200	10 boxes of 96	Low Retention	960	4.007 884
50 to 1000	10 boxes of 100	Standard	1000	9.409 644
50 to 1000	10 boxes of 100	Low Retention	1000	4.007 885



2 Tip-Box empty

PC. Plastibrand®. With sliding lid. Box can be stacked crosswise and is autoclavable (121°C, 2 bar) according to DIN EN 285. Suitable for use with Tip-Rack or Tip-rack S formats.

BRAND

Type	PK	Cat. No.
Plastibrand Tip-Box	1	9.409 232



3 Pipette tips Finntip 10

NEW!

This tip is specially designed for pipetting micro-sized drops. It is ideal for use with micro volume Finnpipettes.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.2-10	non sterile	1000/Bag	1000	6.080 908
0.2-10	non sterile	10x96/Rack	960	6.084 681
0.2-10	sterile	10x96/Rack	960	6.224 231
0.2-10	non sterile	4x192/Rack + 10x192/Refill	2688	6.228 718
0.2-10	non sterile	20x196/Refill	3840	6.228 719



4 Pipette tips Finntip 20

NEW!

The Finntip 20 is suitable for applications requiring high precision and volumes of 0.2-20µl. The tips are provided in convenient racks of 384 tips.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.2-20	non sterile	1000/Bag	1000	6.224 412
0.2-20	non sterile	10x384/Rack	3840	6.228 720
0.2-20	sterile	10x384/Rack	3840	9.282 500



5 Pipette tips Finntip 50

NEW!

For use with the 16 channel multichannel. Will also fit micro volume single channels, volume 50µl length 43mm.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.5-50	non sterile	1000/Bag	1000	6.301 604
0.5-50	non sterile	10x384/Rack	3840	6.301 538
0.5-50	sterile	10x384/Rack	3840	9.282 501

1 Pipette tips Finntip 200 Extended



The Finntip 200 extended is an extra-long, tapered tip. It is designed to fit in extremely narrow vessels.

Thermo Scientific

1



Capacity µl	Description	Type	PK	Cat. No.
5-200	non sterile	400/Box	400	6.222 480
5-200	non sterile	10x96/Rack	960	6.227 486
5-200	sterile	10x96/Rack	960	6.224 233

2 Pipette tips Finntip 250 Universal



This quality product is ideal for single channel and multichannel Finnpiettes. It was also designed to be used with pipettes from other manufacturers. Finntip universals are also available in refill packs.

Thermo Scientific

2



Capacity µl	Description	Type	PK	Cat. No.
0.5-250	non sterile	500/Box	500	6.070 424
0.5-250	non sterile	1000/Bag	1000	6.092 728
0.5-250	non sterile	20,000/Bulk	20000	6.228 715
0.5-250	non sterile	10x96/Rack	960	6.082 633
0.5-250	sterile	10x96/Rack	960	6.510 864
0.5-250	non sterile	4x96/Rack + 10x96/Refill	1344	6.228 716
0.5-250	non sterile	20x96/Refill	1920	6.803 185

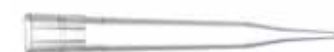
3 Pipette tips Finntip 300



These tips were specially designed for the Finnpiette multichannels (reverse pipetting is possible with the 300µl). The Finntip 300µl is also suitable for single channel pipets in the 5-200µl range. The packaging options include refill packs.

Thermo Scientific

3



Capacity µl	Description	Type	PK	Cat. No.
5-300	non sterile	1000/Bag	1000	6.057 011
5-300	non sterile	20.000/Bulk	20000	6.224 235
5-300	non sterile	10x96/Rack	960	6.056 947
5-300	sterile	10x96/Rack	960	6.084 976
5-300	non sterile	20x96/Refill	1920	6.204 184

4 Pipette tips Finntip Flex



The Thermo Scientific Finntip Flex system offers flexible, soft and sophisticated high-end tips for discerning users. Finntip Flex system consisting new-generation tips and easy-to-use operation rack and space-saving refill kit. All elements in the system have been designed to fulfill the most demanding requirements for ergonomics and flexibility in pipetting tasks for todays fast-paced laboratories.

Thermo Scientific

4



- Low attachment and ejection forces
- High precision molding with virgin polypropylene
- Smooth surface for low liquid retention
- Non-slip rack with hinged cover
- Easy to use and economical refill system

Pipette tips Finntip Flex 10



Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0,2-10	non sterile	1000/Bag	1000	9.282 510
0,2-10	non sterile	10x96/Rack	960	9.282 511
0,2-10	sterile	10x96/Rack	960	9.282 512
0,2-10	non sterile	1x96/Rack + 20x96/Refill	2016	9.282 513
0,2-10	non sterile	20x96/Refill	1920	9.282 514

Pipette tips Finntip Flex 200



Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
1-200	non sterile	1000/Bag	1000	9.282 515
1-200	non sterile	10x96/Rack	960	9.282 516
1-200	sterile	10x96/Rack	960	9.282 517
1-200	non sterile	1x96/Rack + 20x96/Refill	2016	9.282 518
1-200	non sterile	20x96/Refill	1920	9.282 519

Pipette tips Finntip Flex 300

NEW!

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
5-300	non sterile	1000/Bag	1000	6.228 755
5-300	non sterile	10x96/Rack	960	6.224 234
5-300	sterile	10x96/Rack	960	6.228 752
5-300	non sterile	1x96/Rack + 20x96/Refill	2016	6.228 753
5-300	non sterile	20x96/Refill	1920	6.228 754

Pipette tips Finntip Flex 1000

NEW!

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
100-1000	non sterile	1000/Bag	1000	6.235 571
100-1000	non sterile	10x96/Rack	960	6.230 775
100-1000	sterile	10x96/Rack	960	9.282 520
100-1000	non sterile	1x96/Rack + 16x96/Refill	1632	9.282 521
100-1000	non sterile	16x96/Refill	1536	9.282 522

Pipette tips Finntip Flex 1200

NEW!

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
15-1200	non sterile	1000/Bag	1000	6.228 758
15-1200	non sterile	10x96/Rack	960	6.228 756
15-1200	sterile	10x96/Rack	960	6.228 757
15-1200	non sterile	1x96/Rack + 16x96/Refill	1632	9.282 523
15-1200	non sterile	16x96/Refill	1536	9.282 524

Pipette tips Finntip Flex Extended

NEW!

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
1000-10000	non sterile	100/Bag	100	7.651 616
1000-10000	sterile	50/Bag	50	9.282 525

Pipette tips Finntip Flex Filter, sterile

NEW!

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0,2-10	sterile	10x96/Rack	960	9.282 526
1-30	sterile	10x96/Rack	960	9.282 527
1-100	sterile	10x96/Rack	960	9.282 528
1-200	sterile	10x96/Rack	960	9.282 529
5-300	sterile	10x96/Rack	960	9.282 530
100-1000	sterile	10x96/Rack	960	9.282 531
50-1200	sterile	10x96/Rack	960	9.282 532
1000-10000	sterile	50/Bag	50	9.282 533

1


1 Pipette tips Finntip 1000

NEW!

This mid-size tip comes in several pack sizes. The 10 x 96 rack is available sterile.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
100-1000	non sterile	200/Box	200	6.085 561
100-1000	non sterile	1000/Bag	1000	6.085 852
100-1000	non sterile	10.000/Bulk	10000	6.076 481
100-1000	non sterile	10x96/Rack	960	6.802 498
100-1000	sterile	10x96/Rack	960	6.206 884
100-1000	non sterile	5x192/Refill	960	6.228 679

2


2 Pipette tips Finntip 1000 Extended

NEW!

Tapered to 105mm in length the Finntip 1000 extended allows access to the narrowest container.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
100-1000	non sterile	1000/Bag	1000	7.200 433
100-1000	non sterile	5x96/Rack	480	6.224 236
100-1000	sterile	5x96/Rack	480	6.228 676

1 Pipette tips Finntip 5ml

NEW!

Designed to prevent foaming and vortexing, this tip fits into all common sizes of laboratory vessels.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
1000-5000	non sterile	75/Box	75	6.076 989
1000-5000	non sterile	500/Bag	500	6.510 003
1000-5000	non sterile	3000/Bulk	3000	6.058 016
1000-5000	non sterile	5x54/Rack	270	6.053 602
1000-5000	sterile	5x54/Rack	270	6.900 937

1



2 Pipette tips Finntip 10 ml

NEW!

The Finntip 10 ml was designed to eliminate vortexing and prevent foaming in the sample liquid.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
2000-10000	non sterile	40/Box	40	6.051 993
2000-10000	non sterile	100/Bag	100	6.051 307
2000-10000	non sterile	5x24/Rack	120	6.051 881
2000-10000	sterile	5x24/Rack	120	6.228 721

2



3 Pipette tips Finntip with Filter Tips

NEW!

- Volume range 0.2µl-10ml
- Thirteen different models including extended versions
- Filters made from polyethylene, cannot be autoclaved
- Supplied in vacuum sealed sterilized tip racks
- Ideal for PCR and other amplification methods
- Pipetting of radioactive and infectious samples
- Certified free from endotoxin, DNA, DNase, RNase Type

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.2-10	sterile	10x96/Rack	960	6.224 227
0.2-20	sterile	10x384/Rack	3840	9.282 544
0.2-50	sterile	10x384/Rack	3840	6.228 742
0.5-10	sterile	10x96/Rack	960	6.224 228
0.2-20	sterile	10x96/Rack	960	6.228 743
0.3-30	sterile	10x96/Rack	960	6.228 744
0.5-100	sterile	10x96/Rack	960	6.076 896
0.5-101	sterile	10x96/Rack	960	6.228 745
0.5-200	sterile	10x96/Rack	960	6.224 229
0.5-200	sterile	10x96/Rack	960	6.228 746
5-300	sterile	10x96/Rack	960	6.228 747
100-1000	sterile	10x96/Rack	1080	6.085 289
100-1000	sterile	5x96/Rack	480	6.228 748
150-1500	sterile	10x96/Rack	960	6.228 749
500-5000	sterile	5x54/Rack	270	6.224 230
1000-10000	sterile	5x24/Rack	120	6.228 750
1-100	non sterile	1000/Bag	1000	9.282 540
1-200	non sterile	1000/Bag	1000	9.282 541
5-300	non sterile	1000/Bag	1000	9.282 542
100-1000	non sterile	1000/Bag	1000	9.282 543

3



4 Pipette tips Finntip PDP

NEW!

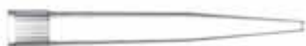
Designed for use with the FinnpiPette PDP, this tip is intended for positive displacement applications such as PCR and DNA sequencing. The preassembled tip and plunger prevent air from entering the tip and eliminate aerosol contamination.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.5-25	non sterile	960/Bag	960	9.282 550
0.5-25	non sterile	10x96/Rack	960	6.228 724
20-200	non sterile	960/Bag	960	9.282 551
20-200	non sterile	10x96/Rack	960	6.228 725

4



1


1 Pipette tips Finntip Wide

NEW!

With its wide orifice tip, the Finntip Wide was designed especially for pipetting fragile cell suspensions and macromolecules like genomic DNA. This tip eliminates the mechanical shearing that causes cell fragmentation.

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
10-250	non sterile	1000/Bag	1000	9.282 552
10-250	non sterile	22000/Bulk	22000	9.282 553
10-250	non sterile	10x96/Rack	960	9.282 554
10-250	sterile	10x96/Rack	960	9.282 555
100-1000	non sterile	400/Bag	400	6.206 960
100-1000	non sterile	6500/Bulk	6500	6.228 740
100-1000	non sterile	10x96/Rack	960	6.089 601
100-1000	sterile	10x96/Rack	960	9.282 556

2


2 Pipette tips Finntip BioCon

NEW!

- Certified free from endotoxin, DNA, DNase, RNase
- Supplied individually packed
- Ideal for PCR and other purity demanding applications

Thermo Scientific

Capacity µl	Description	Type	PK	Cat. No.
0.2-10	sterile	100/Box	100	6.224 232
0.5-250	sterile	100/Box	100	9.282 570
10-1000	sterile	50/Box	50	6.228 751

3


3 epT.I.P.S. Set

Starter kit, consisting of one epT.I.P.S. box filled with tips and 4 reload trays.

Eppendorf AG

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	480	9.409 480
0.1 to 20	40	grey	480	9.409 481
0.5 to 20	46	light grey	480	9.409 482
2 to 200	53	yellow	480	9.409 483
20 to 300	55	orange	480	9.409 484
50 to 1000	71	blue	480	9.409 485
50 to 1250	76	green	480	9.409 486
500 to 2500	115	red	240	9.409 487

4


4 epT.I.P.S. Box

NEW!

- Work box, filled with tips
- autoclavable
- contamination-free refilling system suitable for loading epT.I.P.S. reloads

Eppendorf AG

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	96	9.409 470
0.1 to 20	40	grey	96	9.409 471
0.5 to 20	46	light grey	96	9.409 472
2 to 200	53	yellow	96	9.409 473
20 to 300	55	orange	96	9.409 474
50 to 1000	71	blue	96	9.409 475
50 to 1250	76	green	96	9.409 476
50 to 1250	103	dark green	96	6.238 120
500 to 2500	115	red	48	9.409 477
100 to 5000	120	purple	24	9.409 478

5


5 epT.I.P.S. Standard

NEW!

- original Eppendorf, high quality, pipette tips at an attractive price.
- packed in multi sealable bag
- tips available in various sizes from 10µl up to 10ml

Eppendorf AG

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	1000	9.409 410
0.1 to 20	40	grey	1000	9.409 411
0.5 to 20	46	light grey	1000	9.409 412
2 to 200	53	yellow	1000	9.409 413
20 to 300	55	orange	1000	9.409 414
50 to 1000	71	blue	1000	9.409 415
50 to 1250	76	green	1000	9.409 416
50 to 1250	103	dark green	1000	6.238 121
500 to 2500	115	red	500	9.409 417
100 to 5000	120	purple	500	9.409 418
1000 to 10000	165	turquoise	200	9.409 403
1000 to 10000	243	turquoise	200	9.409 404

1 epT.I.P.S. Standard, clear

NEW!

Eppendorf AG

Capacity µl	Length mm	Colour	PK	Cat. No.
2 to 200	53	clear	1000	9.409 407
20 to 300	55	clear	1000	9.409 408
50 to 1000	71	clear	1000	9.409 409

1



2 epT.I.P.S. Reloads

NEW!

Eppendorf AG

- Practical refilling system for epT.I.P.S box
- Trays supplied either double-sided or as stack packs, depending on tip size
- Contamination-free transfer to the trays into the work box
- Autoclavable trays are available
- Colour-coded trays for simple identification of the tips.

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	960	9.409 450
0.1 to 20	40	grey	960	9.409 451
0.5 to 20	46	light grey	960	9.409 452
2 to 200	53	yellow	960	9.409 453
20 to 300	55	orange	960	9.409 454
50 to 1000	71	blue	960	9.409 455
50 to 1250	76	green	960	9.409 456
50 to 1250	103	dark green	960	6.238 117
500 to 2500	115	red	480	9.409 457

2



3 4 epT.I.P.S. Reloads

NEW!

Eppendorf AG

- practical refilling system for epT.I.P.S. Box
- workbox with tips
- autoclavable
- PCR quality
- certified free from human DNA, DNase, RNase and PCR inhibitor

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	960	9.409 460
0.1 to 20	40	grey	960	9.409 461
0.5 to 20	46	light grey	960	9.409 462
2 to 200	53	yellow	960	9.409 463
20 to 300	55	orange	960	9.409 464
50 to 1000	71	blue	960	9.409 465
50 to 1250	76	green	960	9.409 466
50 to 1250	103	dark green	960	6.238 118
500 to 2500	115	red	480	9.409 467

3



4



5 6 epT.I.P.S. Racks, Biopur®

NEW!

Eppendorf AG

Highest biological purity Eppendorf Biopur pipette tips (sterile, pyrogen-, RNase-, DNA-, ATP-free)

- batch controlled
- batch specific certificate available on request
- individually boxed racks, 5 Boxes per pack

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 20	40	grey	480	9.409 430
2 to 200	53	yellow	480	9.409 431
20 to 300	55	orange	480	9.409 432
50 to 1000	71	blue	480	9.409 433
50 to 1250	76	green	480	9.409 434
50 to 1250	103	dark green	480	6.238 119
500 to 2500	115	red	240	9.409 435
1000 to 10000	165	turquoise	120	9.409 405

5



6





1 2 epT.I.P.S. Singles, Biopur®

- Eppendorf Biopur® Individually blister-packed tips
- Batch number and the date of expiry indicated on each blister pack
- Batch specific certificate on request
- Biopur quality: sterile, Pyrogen, RNase-, DNA and ATP free

Eppendorf AG

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 20	40	grey	100	9.409 420
2 to 200	53	yellow	100	9.409 421
50 to 1000	71	blue	100	9.409 422



3 4 epT.I.P.S. Dualfilter tips

NEW!

Eppendorf AG

- Pipette tips boxed in racks with integral, twin-layer ep Dualfilter made from hydrophobic polyethylene without additives. One layer protects the user against aerosols, the other against airborne microbes
- All tips are **sterile, pyrogen free** and **PCR clean** (free from human DNA, DNase, RNase, PCR Inhibitors)
- batch specific certificate available on request
- The filter doesn't retain liquid when accidentally wetted during aspiration, the whole sample can be recovered easily

Capacity µl	Length mm	Colour	PK	Cat. No.
0.1 to 10	34	anthracite	960	9.409 440
0.1 to 10	40	anthracite	960	9.409 441
0.5 to 20	46	light grey	960	9.409 442
2 to 20	53	yellow	960	9.409 443
2 to 100	55	yellow	960	9.409 444
2 to 200	59	yellow	960	9.409 448
20 to 300	55	orange	960	9.409 445
50 to 1000	76	blue	960	9.409 446
50 to 1250	103	dark green	480	6.237 379
100 to 5000	120	purple	120	9.409 447
1000 to 10000	243	blue	100	9.409 406



5 6 Pipette tips epT.I.P.S. LoRetention

Eppendorf AG

- Ideally suited for all applications with samples that contain detergents:
- PCR and real-time PCR preparation of enzyme solutions and master mixes
 - Isolation, purification and denaturation of proteins
 - Restriction digestions and ligations
 - Pipetting DNA ladders during gel electrophoresis

Features:

- Ultrahomogeneous surface for maximum reproducibility
- Ultrahydrophobic surface for minimum loss of sample
- Air bubbles and foaming are significantly reduced during pipetting
- Autoclavable, high chemical resistance - 5 year shelf life

Simple differentiation of racks and reloads through a new, clear lid with a white seal. When open, the text **LoRetention** can be seen from the inside. The reusable seal makes it also possible to label existing ep T.I.P.S. boxes.

Pipette tips epT.I.P.S. LoRetention Dual Filter, racks

PCR clean, sterile, pyrogene free. 10 x 96 tips.

Eppendorf AG

Capacity µl	Length mm	PK	Cat. No.
0.1 to 10	34	960	9.409 425
0.5 to 20	46	960	9.409 426
2 to 100	55	960	9.409 427
20 to 300	55	960	9.409 428
50 to 1000	76	960	9.409 429

Pipette tips epT.I.P.S. LoRetention, Reloads

10 x 96 tips.

Eppendorf AG

Type	Length mm	PK	Cat. No.
0.1 to 10	34	960	9.409 495
0.5 to 20	46	960	9.409 496
2 to 200	59	960	9.409 497
50 to 1000	76	960	9.409 498

Pipette tips epT.I.P.S. LoRetention, Reloads PCR clean

PCR clean, sterile, pyrogen-free. 10 x 96 tips.

Eppendorf AG

Capacity µl	Length mm	PK	Cat. No.
0.1 to 10	34	960	9.409 490
0.5 to 20	46	960	9.409 491
2 to 200	59	960	9.409 492
50 to 1000	76	960	9.409 493

1 Pipette tips, blackKnights

Conductive pipette tips.

Ritter GmbH

The constant trend towards robotic pipetting systems has increased the requirements for high-quality consumables. With Ritter blackKnights even the smallest volumes can be precisely handled without any contamination risk. Their electrical conductivity allows the system to recognise the filling level and guarantees the minimal immersion of the tip into the liquid.

- electrically conductive polypropylene
- available in ready-to-use rack of 96 pipette tips or loose in bags
- total tip capacity available: 20µl, 50µl, 200µl, 300µl, 1000µl or 1100µl
- dimensional and fitting accuracy of the racked pipette tips guarantees safe robotic pipetting into the centre of the cavity with no risk of interference with the walls

Compatibility of robotic pipette tips blackKnights with the robotic instruments from:

1	2
Abbott Diagnostic: en4lisa, m2000	Tecan: Genesis, Freedom, Evo, Miniprep & Carvo Workstations
Bio-Rad: Evolis	Perkin Elmer: Multiprobe II, Janus (w/ Multiprobe Head)
Biotest: Quickstep	
Dada Behring (Siemens): Bep 2000 Advance	3
Diasorin: Etimax 3000	Beckman Coulter/Olympus: OLA 2500
Diffchamb: T4U	
Euroimmun: Euroimmun Analyzer	
Grifols: Triturus	
Human: Elisis Quattro	
Qiagen: Biorobot 3000, 8000, 9600, 9604	
Virion/Serion: Immunomat TWINsystem	



Type	Capacity µl	compatible with	PK	Cat. No.
96 tips in rack	20	2	960	9.409 564
96 tips in rack, sterile	20	2	960	9.409 565
96 tips in rack	50	2	960	9.409 566
96 tips in rack, sterile	50	2	960	9.409 567
96 tips in rack, sterile, with filter	50	2	960	9.409 568
96 tips in rack	200	2	960	9.409 594
96 tips in bag	200	2	960	9.409 595
96 tips in rack, sterile	200	2	960	9.409 569
96 tips in rack, sterile, with filter	200	2	960	9.409 570
96 tips in rack	300	1	960	9.409 590
96 tips in bag	300	1	960	9.409 591
96 tips in rack, sterile	300	1	960	9.409 560
96 tips in rack, sterile, with filter	300	1	960	9.409 561
96 tips in rack	1000	2	960	9.409 596
96 tips in bag	1000	2	960	9.409 597
96 tips in rack, sterile	1000	2	960	9.409 571
96 tips in rack, sterile, with filter	1000	2	960	9.409 572
140 tips in rack	1000	3	840	9.409 598
140 tips in bag	1000	3	1400	9.409 599
96 tips in rack	1100	1	960	9.409 592
96 tips in bag	1100	1	960	9.409 593
96 tips in rack, sterile	1100	1	960	9.409 562
96 tips in rack, sterile, with filter	1100	1	960	9.409 563